

```
; CLASSIFICATION:
; PRIOR APPLICATION NUMBER: 09/280,805
; FILING DATE: <UNKNOWN>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 239:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; JS-09-752-983-239

Query Match      1.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 2.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

2Y 1017 TTCAGTCTAACTATTAA 1034
DB 18 TTAAATGTAACCTATTAA 1

RESULT 79
US-09-795-668-68/c
; Sequence 68, Application US/09795668
; Patent No. US20020045571A1
; GENERAL INFORMATION:
; APPLICANT: Stefansson, Hreinn
; APPLICANT: Steinhorsdottir, Valgerdur
; APPLICANT: Gulcher, Jeffrey R.
; TITLE OF INVENTION: HUMAN SCHIZOPHRENIA GENE
; FILE REFERENCE: 2345.2004-001
; CURRENT APPLICATION NUMBER: US/09/795,668
; CURRENT FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: US 09/515,716
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 1531
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-795-668-68

Query Match      1.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 2.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

2Y 1017 TTCAGTCTAACTATTAA 1034
DB 18 TTAAATGTAACCTATTAA 1

RESULT 80
US-09-795-686-68/c
; Sequence 68, Application US/09795686
; Patent No. US20020094954A1
; GENERAL INFORMATION:
; APPLICANT: Stefansson, Hreinn
; APPLICANT: Steinhorsdottir, Valgerdur
; APPLICANT: Gulcher, Jeffrey R.
; TITLE OF INVENTION: HUMAN SCHIZOPHRENIA GENE
; FILE REFERENCE: 2345.2005-001
; CURRENT APPLICATION NUMBER: US/09/795,686
; CURRENT FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: US 09/515,715

; CLASSIFICATION:
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 1531
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-795-686-68

Query Match      1.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 2.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

2Y 1039 ATTATTATTATTGTTATT 1056
DB 2 AGTTATTATTGTTATT 19

RESULT 81
US-09-918-186A-239
; Sequence 239, Application US/09918186A
; Patent No. US20020137708A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Eric E. Swayze
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISPH-0585
; CURRENT APPLICATION NUMBER: US/09/918,186A
; CURRENT FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 09/496,694
; PRIOR FILING DATE: 2000-02-02
; PRIOR APPLICATION NUMBER: 09/286,407
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 09/163,162
; PRIOR FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 250
; SEQ ID NO 239
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-918-186A-239

Query Match      1.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 2.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

2Y 1039 ATTATTATTATTGTTATT 1056
DB 2 AGTTATTATTGTTATT 19

RESULT 82
US-09-918-186A-240
; Sequence 240, Application US/09918186A
; Patent No. US20020137708A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Eric E. Swayze
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISPH-0585
; CURRENT APPLICATION NUMBER: US/09/918,186A
; CURRENT FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 09/496,694
; PRIOR FILING DATE: 2000-02-02
; PRIOR APPLICATION NUMBER: 09/286,407
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 09/163,162
```

PRIOR FILING DATE: 1998-09-29
NUMBER OF SEQ ID NOS: 250
SEQ ID NO 240
LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

IS-09-918-186A-240

Query Match 1.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 2.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 1039 ATTATTATTATTATTATT 1056
b 3 AGTATTATTATTATTATT 20

RESULT 83

IS-09-780-172-33

Sequence 33, Application US/09780172

Patent No. US20020147163A1

GENERAL INFORMATION:

APPLICANT: Robert McKay

APPLICANT: Susan M. Freier

APPLICANT: Jacqueline Wyatt

TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-ALPHA EXPRESSION

FILE REFERENCE: RTS-0159

CURRENT APPLICATION NUMBER: US/09/780,172

CURRENT FILING DATE: 2001-02-08

NUMBER OF SEQ ID NOS: 96

SEQ ID NO 33

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

IS-09-780-172-33

Query Match 1.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 2.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 393 AAATTCCTCTCTCTGCT 410
b 3 ACATTCCTCTCTCTGCT 20

RESULT 84

IS-09-946-807-68/c

Sequence 68, Application US/09946807

Patent No. US20020165144A1

GENERAL INFORMATION:

APPLICANT: Stefansson, Hreinn

APPLICANT: Steinhordottir, Valgerdur

APPLICANT: Gulcher, Jeffrey R.

TITLE OF INVENTION: HUMAN SCHIZOPHRENIA GENE

FILE REFERENCE: 2345.2004-001

CURRENT APPLICATION NUMBER: US/09/946,807

CURRENT FILING DATE: 2001-09-05

PRIOR APPLICATION NUMBER: US/09/795,668

PRIOR FILING DATE: 2001-02-28

PRIOR APPLICATION NUMBER: US 09/515,716

PRIOR FILING DATE: 2000-02-28

NUMBER OF SEQ ID NOS: 1531

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 68

LENGTH: 20

TYPE: DNA

ORGANISM: Homo sapiens

IS-09-946-807-68

Query Match 1.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 2.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1352 GCTGTGTGCTAGTGTG 1369
DB 20 GCTGTGTGCTAGTGTG 3

RESULT 85

US-10-159-856-54

Sequence 54, Application US/10159856

Publication No. US2003022869A1

GENERAL INFORMATION:

APPLICANT: Susan M. Freier

APPLICANT: Kenneth W. Dobie

TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR KINASE 6 EXPRESSION

FILE REFERENCE: RTS-0365

CURRENT APPLICATION NUMBER: US/10/159,856

CURRENT FILING DATE: 2002-05-31

NUMBER OF SEQ ID NOS: 134

SEQ ID NO 54

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-159-856-54

Query Match 1.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 2.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 570 AATATCCAGACATACCT 587
DB 3 AATGTCCAGACATCCTT 20

RESULT 86

US-10-033-742-27/c

Sequence 27, Application US/10033742

Publication No. US20030144225A1

GENERAL INFORMATION:

APPLICANT: James Karras

APPLICANT: Thomas Condon

TITLE OF INVENTION: ANTISENSE MODULATION OF MACROPHAGE INFLAMMATORY PROTEIN 3-ALPHA 1

FILE REFERENCE: ISPH-0623

CURRENT APPLICATION NUMBER: US/10/033,742

CURRENT FILING DATE: 2001-12-28

NUMBER OF SEQ ID NOS: 32

SEQ ID NO 27

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-033-742-27

Query Match 1.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 2.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1055 TTTATTAAAGCATCAAT 1072
DB 18 TTTGTTTAAAGCATCACAT 1

RESULT 87

US-10-005-344-239/c

Sequence 239, Application US/10005344

Publication No. US20030203862A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia

APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 239
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-239

Query Match 1.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 2.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1017 TTCAAGTGTAACTTATTA 1034
DB 18 TTAAAGTGTAACTTATTA 1

RESULT 88
US-09-922-261-307
Sequence 307, Application US/09922261
Patent No. US2002011471A1
GENERAL INFORMATION:
APPLICANT: COGENT NEUROSCIENCE, Inc.
APPLICANT: Lo, Donald C.
APPLICANT: Barney, Shawn
APPLICANT: Thomas, Mary Beth
APPLICANT: Portbury, Stuart D.
APPLICANT: Purnam, Kasturi
APPLICANT: Katz, Lawrence C.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING
TITLE OF INVENTION: AND TREATING CONDITIONS, DISORDERS, OR DISEASES INVOLVING
TITLE OF INVENTION: CELL DEATH
FILE REFERENCE: 10001-005-999
CURRENT APPLICATION NUMBER: US/09/922,261
CURRENT FILING DATE: 2001-08-03
PRIOR APPLICATION NUMBER: US/09/461,697
PRIOR FILING DATE: 1999-12-14
NUMBER OF SEQ ID NOS: 466
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 307
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-922-261-307

Query Match 1.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 830 GGATTTTTCCTGTTAAA 847
DB 4 GGATTTTTCCTGTTAAA 21

RESULT 89
US-10-085-906-530
Sequence 530, Application US/10085906

Publication No. US20030054371A1
GENERAL INFORMATION:
APPLICANT: Ying, Vincent
APPLICANT: Wu, Paul
APPLICANT: Gray, Gary S.
TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
FILE REFERENCE: GNN-5343CP2
CURRENT APPLICATION NUMBER: US/10/085,906
CURRENT FILING DATE: 2002-02-27
PRIOR APPLICATION NUMBER: US 60/126,215
PRIOR FILING DATE: 1999-03-25
PRIOR APPLICATION NUMBER: US 09/534,061
PRIOR FILING DATE: 2000-03-24
PRIOR APPLICATION NUMBER: PCT/US00/07938
PRIOR FILING DATE: 2000-03-24
NUMBER OF SEQ ID NOS: 545
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 530
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-085-906-530

Query Match 1.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1044 TTATTATGTTATTTT 1061
DB 2 TTATTATGTTATTTT 19

RESULT 90
US-09-263-959-720/c
Sequence 720, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSER: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/09/263,959
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Mcmasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 720:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-720

Query Match 1.2%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 2e+02; 1; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1046 ATTATGTTATTTATTT 1061
| | | | | | | | | | | | | | | | | |
b 16 ATTATTTATTTATTT 1

RESULT 91
US-09-263-959-786
Sequence 786, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESS: Seed and Berry LLP
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 786:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-786

Query Match 1.2%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 2e+02; 1; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1047 TTTATGTTATTTATTTA 1062
| | | | | | | | | | | | | | | | | |
b 1 TTTATTTATTTATTTA 16

RESULT 92
US-09-263-959-821/c
Sequence 821, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESS: Seed and Berry LLP
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 821:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-821

Query Match 1.2%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 2e+02; 1; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1048 TTTATGTTATTTATTTA 1062
| | | | | | | | | | | | | | | | | |
b 1 TTTATTTATTTATTTA 16

RESULT 93
US-09-232-785-361/c
Sequence 361, Application US/09232785
Publication No. US20030049612A1
GENERAL INFORMATION:
APPLICANT: International Paper Co.
APPLICANT: Nelson, C. Dana
TITLE OF INVENTION: MICROSATELLITE DNA MARKERS AND USES
FILE REFERENCE: 4481/1E188US1
CURRENT APPLICATION NUMBER: US/09/232,785
PRIOR FILING DATE: 1999-01-19
PRIOR FILING DATE: 1999-01-15
NUMBER OF SEQ ID NOS: 397
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 361
LENGTH: 16
TYPE: DNA
ORGANISM: Pinus taeda L.
US-09-232-785-361

Query Match 1.2%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 2e+02; 1; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1046 ATTATGTTATTTATTT 1061
| | | | | | | | | | | | | | | | | |
b 16 ATTATTTATTTATTT 1

RESULT 94
US-09-232-785-362/c
Sequence 362, Application US/09232785
Publication No. US20030049612A1

CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 821:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-821

Query Match 1.2%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 2e+02; 1; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1046 ATTATGTTATTTATTT 1061
| | | | | | | | | | | | | | | | | |
b 16 ATTATTTATTTATTT 1

RESULT 93
US-09-232-785-361/c
Sequence 361, Application US/09232785
Publication No. US20030049612A1
GENERAL INFORMATION:
APPLICANT: International Paper Co.
APPLICANT: Nelson, C. Dana
TITLE OF INVENTION: MICROSATELLITE DNA MARKERS AND USES
FILE REFERENCE: 4481/1E188US1
CURRENT APPLICATION NUMBER: US/09/232,785
PRIOR FILING DATE: 1999-01-19
PRIOR FILING DATE: 1999-01-15
NUMBER OF SEQ ID NOS: 397
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 361
LENGTH: 16
TYPE: DNA
ORGANISM: Pinus taeda L.
US-09-232-785-361

Query Match 1.2%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 2e+02; 1; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1046 ATTATGTTATTTATTT 1061
| | | | | | | | | | | | | | | | | |
b 16 ATTATTTATTTATTT 1

RESULT 94
US-09-232-785-362/c
Sequence 362, Application US/09232785
Publication No. US20030049612A1

RESULT 96
US-09-730-289B-127/c
; Sequence 127, Application US/09730289B
; Publication No. US2003050259A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals,
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent
; FILE REFERENCE: MEH390-864-A (400/006
; CURRENT APPLICATION NUMBER: US/09/730

RESULT 98
US-10-060-756A-1673/c
Sequence 1673, Application US/10060756A
Publication No. US20030046717A1
GENERAL INFORMATION:
APPLICANT: Zhang, Jian
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED
FILE REFERENCE: PB0177
CURRENT APPLICATION NUMBER: US/10/060,756A
CURRENT FILING DATE: 2002-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: US 09/864,761
 PRIOR FILING DATE: 2001-05-23
 PRIOR APPLICATION NUMBER: US 60/327,898
 PRIOR FILING DATE: 2001-10-09
 NUMBER OF SEQ ID NOS: 4804
 SOFTWARE: Accelica Sequence Listing Engine
 SEQ ID NO 1673
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 S-10-060-756A-1673

Query Match 1.2%; Score 14.4; DB 1; Length 17;
 Best Local Similarity 93.8%; Pred. No. 2.1e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 675 TATACAAATAGCAAAA 690
 |||||
 b 16 TATACAAATAGCAAAA 1

RESULT 99
 S-10-156-306-7038
 Sequence 7038, Application US/10156306
 Publication No. US20030119017A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: McSwiggen, James
 TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
 TITLE OF INVENTION: Levels of IKK-Gamma and PKR
 FILE REFERENCE: MH001-664-A (400/050)
 CURRENT APPLICATION NUMBER: US/10/156,306
 CURRENT FILING DATE: 2002-05-28
 NUMBER OF SEQ ID NOS: 8013
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 7038
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 S-10-156-306-7038

Query Match 1.2%; Score 14.4; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 2.1e+02;
 Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Y 968 GAGGACATGTGGAGC 983
 |||||
 b 1 GAGGACATGTGGAGC 16

RESULT 100
 JS-09-969-373-4515
 Sequence 4515, Application US/09969373
 Patent No. US20020133852A1
 GENERAL INFORMATION:
 APPLICANT: Effertz, Roger J.
 APPLICANT: Hauge, Brian M.
 TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
 FILE REFERENCE: 38-10(52679)A
 CURRENT APPLICATION NUMBER: US/09/969,373
 CURRENT FILING DATE: 2001-10-02

PRIOR APPLICATION NUMBER: US 09/754,853
 PRIOR FILING DATE: 2001-01-05
 PRIOR APPLICATION NUMBER: US 09/760,427
 PRIOR FILING DATE: 2001-01-13
 PRIOR APPLICATION NUMBER: US 09/855,768
 PRIOR FILING DATE: 2001-05-15
 NUMBER OF SEQ ID NOS: 4593
 SEQ ID NO 4515
 LENGTH: 18
 TYPE: DNA
 ORGANISM: Glycine max
 US-09-969-373-4515

Query Match 1.2%; Score 14.4; DB 1; Length 18;
 Best Local Similarity 93.8%; Pred. No. 2.2e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 731 GGAATTGATGGGTTT 746
 |||||
 Db 3 GGAATTGATGGGTTT 18

RESULT 101
 US-09-969-373-2073/c
 Sequence 2073, Application US/09969373
 Patent No. US20020133852A1
 GENERAL INFORMATION:
 APPLICANT: Effertz, Roger J.
 APPLICANT: Hauge, Brian M.
 TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
 FILE REFERENCE: 38-10(52679)A
 CURRENT APPLICATION NUMBER: US/09/969,373
 CURRENT FILING DATE: 2001-10-02
 PRIOR APPLICATION NUMBER: US 09/754,853
 PRIOR FILING DATE: 2001-01-05
 PRIOR APPLICATION NUMBER: US 09/760,427
 PRIOR FILING DATE: 2001-01-13
 PRIOR APPLICATION NUMBER: US 09/855,768
 PRIOR FILING DATE: 2001-05-15
 NUMBER OF SEQ ID NOS: 4593
 SEQ ID NO 2073
 LENGTH: 19
 TYPE: DNA
 ORGANISM: Glycine max
 US-09-969-373-2073

Query Match 1.2%; Score 14.4; DB 1; Length 19;
 Best Local Similarity 93.8%; Pred. No. 2.3e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 791 ATAAATTTGCCATAA 806
 |||||
 Db 19 ATAAATTTGCCATAA 4

RESULT 102
 US-10-205-309-186/c
 Sequence 186, Application US/10205309
 Publication No. US20030190635A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: McSwiggen, James
 TITLE OF INVENTION: RNA Interference
 FILE REFERENCE: 900/033
 CURRENT APPLICATION NUMBER: US/10/205,309
 CURRENT FILING DATE: 2002-10-25
 NUMBER OF SEQ ID NOS: 674
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 186
 LENGTH: 19
 TYPE: RNA
 ORGANISM: Artificial Sequence

```
;
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-205-309-196

Query Match      1.1%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 968 GAGGACATGTGGAGCACT 986
    ||||| ||||| |||||
DB 19 GAGGACATGAGGAGCCCT 1

RESULT 103
US-10-205-309-581
; Sequence 511, Application US/10205309
; Publication No. US20030190635A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Alzheimer's Disease Using
; TITLE OF INVENTION: Interfering RNA
; FILE REFERENCE: 900/033
; CURRENT APPLICATION NUMBER: US/10/205,309
; CURRENT FILING DATE: 2002-10-25
; NUMBER OF SEQ ID NOS: 674
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 511
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-205-309-511

Query Match      1.1%; Score 14.2; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 2.5e+02;
Matches 14; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 968 GAGGACATGTGGAGCACT 986
    ||||| ||||| |||||
DB 1 GAGGACAUAGGAGGCCU 19

RESULT 104
US-10-067-534-8/c
; Sequence 8, Application US/10067534
; Publication No. US20020187538A1
; GENERAL INFORMATION:
; APPLICANT: Esenberg, Margaret K.
; APPLICANT: Chen, Xiao-Ya
; APPLICANT: Luo, Ping
; APPLICANT: Wang, Yan-Hong
; TITLE OF INVENTION: CDNA Clone of (+)-Delta-Cadinene-8-Hydroxylase Gene from Cotton
; FILE REFERENCE: 006602-113
; CURRENT APPLICATION NUMBER: US/10/067,534
; CURRENT FILING DATE: 2002-02-07
; PRIOR APPLICATION NUMBER: US 60/267,160
; PRIOR FILING DATE: 2001-02-07
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-067-534-8

Query Match      1.1%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 563 ACCATCAATATCCAGAAC 581
    ||||| ||||| |||||
DB 19 ACCATCAATCTCCAGCAC 1

RESULT 105
US-09-971-309-53
; Sequence 53, Application US/09971309
; Patent No. US20020106675A1
; GENERAL INFORMATION:
; APPLICANT: UEMORI, Takashi
; APPLICANT: SATO, Yoshimi
; APPLICANT: FUJITA, Tomoko
; APPLICANT: MIYAKE, Kazue
; APPLICANT: MUKAI, Hiroyuki
; APPLICANT: ASADA, Kiyozo
; APPLICANT: KATO, Ikunoshin
; TITLE OF INVENTION: DNA POLYMERASE-RELATED FACTORS
; FILE REFERENCE: 1422-0494P
; CURRENT APPLICATION NUMBER: US/09/971,309
; CURRENT FILING DATE: 2001-10-05
; PRIOR APPLICATION NUMBER: US 09/446,504
; PRIOR FILING DATE: 1999-12-23
; PRIOR APPLICATION NUMBER: PCT/JP98/02845
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: JP 9-187496
; PRIOR FILING DATE: 1997-06-26
; PRIOR APPLICATION NUMBER: JP 9-320692
; PRIOR FILING DATE: 1997-11-27
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-09-971-309-53

Query Match      1.1%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 583 TACTTATATGTAAGTATT 601
    ||||| ||||| |||||
DB 1 TTCTGCTATGTAAGTATT 19

RESULT 106
US-09-971-309-54/c
; Sequence 54, Application US/09971309
; Patent No. US20020106675A1
; GENERAL INFORMATION:
; APPLICANT: UEMORI, Takashi
; APPLICANT: SATO, Yoshimi
; APPLICANT: FUJITA, Tomoko
; APPLICANT: MIYAKE, Kazue
; APPLICANT: MUKAI, Hiroyuki
; APPLICANT: ASADA, Kiyozo
; APPLICANT: KATO, Ikunoshin
; TITLE OF INVENTION: DNA POLYMERASE-RELATED FACTORS
; FILE REFERENCE: 1422-0494P
; CURRENT APPLICATION NUMBER: US/09/971,309
; CURRENT FILING DATE: 2001-10-05
; PRIOR APPLICATION NUMBER: US 09/446,504
; PRIOR FILING DATE: 1999-12-23
; PRIOR APPLICATION NUMBER: PCT/JP98/02845
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: JP 9-187496
; PRIOR FILING DATE: 1997-06-26
; PRIOR APPLICATION NUMBER: JP 9-320692
; PRIOR FILING DATE: 1997-11-27
; NUMBER OF SEQ ID NOS: 92
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SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 54

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA

S-09-971-309-54

Query Match 1.1%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 583 TACTTATATGTAAGTATT 601

b 20 TTCTGCTATGTAAGTATT 2

RESULT 107

S-09-780-172-56/c

Sequence 56, Application US/09780172

Patent No. US20020147163A1

GENERAL INFORMATION:

APPLICANT: Robert McKay

APPLICANT: Susan M. Freier

APPLICANT: Jacqueline Wyatt

TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-ALPHA EXPRESSION

FILE REFERENCE: RTS-0159

CURRENT APPLICATION NUMBER: US/09/780,172

CURRENT FILING DATE: 2001-02-08

NUMBER OF SEQ ID NOS: 96

SEQ ID NO 56

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

S-09-780-172-56

Query Match 1.1%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 438 AACTTCAGCAATCTAC 456

b 19 AGACTTCAGCAATCTAC 1

RESULT 108

S-09-865-866-108

Sequence 108, Application US/09865866

Publication No. US20030045487A1

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Jacqueline Wyatt

TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP IIA (SYNOVIAL) EX

FILE REFERENCE: RTS-0221

CURRENT APPLICATION NUMBER: US/09/865,866

CURRENT FILING DATE: 2001-05-25

NUMBER OF SEQ ID NOS: 173

SEQ ID NO 108

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

S-09-865-866-108

Query Match 1.1%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 690 ATTGGGCCAAGGCCAAGA 708

Db 1 ATTGACCAAGGCCATGA 19

RESULT 109

US-09-784-674-864/c

Sequence 864, Application US/09784674

Publication No. US20030054346A1

GENERAL INFORMATION:

APPLICANT: Shannon, Karen W.

APPLICANT: Wolber, Paul K.

APPLICANT: Delenstarr, Glenda C.

APPLICANT: Webb, Peter G.

APPLICANT: Kincaid, Robert H.

TITLE OF INVENTION: Methods for evaluating oligonucleotide

NUMBER OF SEQUENCES: 1165

CORRESPONDENCE ADDRESS: probe sequences

ADDRESSER: Records Manager, Legal Department, Hewlett-Packard

STREET: 3000 Hanover Street

CITY: Palo Alto

STATE: CA

COUNTRY: USA

ZIP: 94304

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/784,674

FILING DATE: 15-Feb-2001

CLASSIFICATION: No. US20030054346A1 available

APPLICATION NUMBER: 09/021,701

FILING DATE: 10-FEB-1998

ATTORNEY/AGENT INFORMATION:

NAME: Choi, Wendy A.

REGISTRATION NUMBER: 36,697

REFERENCE/DOCKET NUMBER: 10971464-1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650-236-2386

TELEFAX: 650-852-8063

INFORMATION FOR SEQ ID NO: 864:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cdna

HYPOTHETICAL: NO

ANTI-SENSE: NO

SEQUENCE DESCRIPTION: SEQ ID NO: 864:

US-09-784-674-864

Query Match 1.1%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 982 GCACCTTAAGTTTTTCAT 1000

Db 20 GCACCTTAAGTTTTTCAT 2

RESULT 110

US-09-784-674-865/c

Sequence 865, Application US/09784674

Publication No. US20030054346A1

GENERAL INFORMATION:

APPLICANT: Shannon, Karen W.

APPLICANT: Wolber, Paul K.

APPLICANT: Delenstarr, Glenda C.

```

; Webb, Peter G.
; Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/784,674
; FILING DATE: 15-Feb-2001
; CLASSIFICATION: No. US20030054346A1 available
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/021,701
; FILING DATE: 10-FEB-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 865:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 865:
US-09-784-674-865

Query Match 1.1%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. NO. 2.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 982 GCACCTTAAGTTTTCAT 1000
Db 19 GCACCTTAAGTTTTCAT 1

RESULT 111
US-09-784-674-869/c
; Sequence 869, Application US/09784674
; Publication No. US20030054346A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; Wolber, Paul K.
; Delenstarr, Glenda C.
; Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/784,674
; FILING DATE: 15-Feb-2001
; CLASSIFICATION: No. US20030054346A1 available
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/021,701
; FILING DATE: 10-FEB-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 865:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 865:
US-09-784-674-865

Query Match 1.1%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. NO. 2.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 982 GCACCTTAAGTTTTCAT 1000
Db 19 GCACCTTAAGTTTTCAT 1

RESULT 111
US-09-784-674-869/c
; Sequence 869, Application US/09784674
; Publication No. US20030054346A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; Wolber, Paul K.
; Delenstarr, Glenda C.
; Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/784,674
; FILING DATE: 15-Feb-2001
; CLASSIFICATION: No. US20030054346A1 available
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/021,701
; FILING DATE: 10-FEB-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 865:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 865:
US-09-784-674-865

Query Match 1.1%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. NO. 2.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 977 TCGAAGCAGCTTTTACGTTT 995
Db 20 TCGTTGCACCTTAAATTT 2

RESULT 112
US-09-784-674-870/c
; Sequence 870, Application US/09784674
; Publication No. US20030054346A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; Wolber, Paul K.
; Delenstarr, Glenda C.
; Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/784,674
; FILING DATE: 15-Feb-2001
; CLASSIFICATION: No. US20030054346A1 available
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/021,701
; FILING DATE: 10-FEB-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 869:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 869:
US-09-784-674-869
```

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; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/784,674
; FILING DATE: 15-Feb-2001
; CLASSIFICATION: No. US20030054346A1 available
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/021,701
; FILING DATE: 10-FEB-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 869:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 869:
US-09-784-674-869

Query Match 1.1%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. NO. 2.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 977 TCGAAGCAGCTTTTACGTTT 995
Db 20 TCGTTGCACCTTAAATTT 2

RESULT 112
US-09-784-674-870/c
; Sequence 870, Application US/09784674
; Publication No. US20030054346A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; Wolber, Paul K.
; Delenstarr, Glenda C.
; Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/784,674
; FILING DATE: 15-Feb-2001
; CLASSIFICATION: No. US20030054346A1 available
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/021,701
; FILING DATE: 10-FEB-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 869:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 869:
US-09-784-674-869
```

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FILING DATE: 10-FEB-1998
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 870:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 870:
S-09-784-674-870

Query Match      1.1%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y      977 TGAAGCACTTTAAGTTT 995
      ||| ||||| |||||
      19 TGGTGCACCTTTAAATTT 1

RESULT 113
S-09-906-158-147
Sequence 147, Application US/09906158
Publication No. US20030078217A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR-BETA 3 EXPRES
FILE REFERENCE: RTS-0257
CURRENT APPLICATION NUMBER: US/09/906,158
CURRENT FILING DATE: 2001-07-14
NUMBER OF SEQ ID NOS: 168
SEQ ID NO 147
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
S-09-906-158-147

Query Match      1.1%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y      486 TTGAGGTTGCCAGATGC 504
      ||||| ||||| |||||
      1 TTGAGGTTAGCCGAGGC 19

RESULT 114
S-10-159-834-29
Sequence 29, Application US/10159834
Publication No. US2003022868A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF ISOPRENLYCYSTEINE CARBOXYL METHYLTRANSFER
FILE REFERENCE: RTS-0299
CURRENT APPLICATION NUMBER: US/10/159,834
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 130
SEQ ID NO 29
LENGTH: 20
TYPE: DNA
```

```
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-834-29

Query Match      1.1%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY     1007 ATAAATTATTTCAGTGT 1025
      ||| ||||| ||||| |||||
      1 AAAAGATATTTCAGTGT 19

RESULT 115
US-10-024-396-76/c
Sequence 76, Application US/10024396
Publication No. US20030147864A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L1 EXPRESSION
FILE REFERENCE: RTS-0339
CURRENT APPLICATION NUMBER: US/10/024,396
CURRENT FILING DATE: 2001-12-18
NUMBER OF SEQ ID NOS: 91
SEQ ID NO 76
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-024-396-76

Query Match      1.1%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY     813 ATTAGCTGGAATCTCTGG 831
      ||||| ||||| |||||
      19 ATTATCTACAAATCTCTGG 1

RESULT 116
US-10-044-423-1/c
Sequence 1, Application US/10044423
Publication No. US20030165862A1
GENERAL INFORMATION:
APPLICANT: Chou, Tze-Bin
TITLE OF INVENTION: DROSOPHILA CLIPPED FRT (CFRT) CHROMOSOME
TITLE OF INVENTION: INSENSITIVE TO P TRANSPOSASE, GENERATING METHOD THEREOF, AND
TITLE OF INVENTION: APPLICATION THEREOF
FILE REFERENCE: 529872000100
CURRENT APPLICATION NUMBER: US/10/044,423
CURRENT FILING DATE: 2002-09-05
NUMBER OF SEQ ID NOS: 35
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Construct
US-10-044-423-1

Query Match      1.1%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY     985 CTTTAAGTTTTCATCAT 1003
      ||||| ||||| |||||
      20 CCTTATGTTATTCATCAT 2
```

```
RESULT 117
US-09-843-377-81/c
Sequence 81, Application US/09843377
Publication No. US20030176371A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF INTERFERON GAMMA RECEPTOR 2 EXPRESSION
FILE REFERENCE: RTS-0235
CURRENT APPLICATION NUMBER: US/09/843,377
CURRENT FILING DATE: 2001-04-26
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 81
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-843-377-81

Query Match      1.1%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

a 437 GAACATTCAGCAATCTA 455
b 19 GAACATTCAGCAATCTA 1

RESULT 118
US-10-016-149-84/c
Sequence 84, Application US/10016149
Publication No. US20030100524A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
FILE REFERENCE: RTS-0325
CURRENT APPLICATION NUMBER: US/10/016,149
CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 84
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-84

Query Match      1.1%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

a 1174 TATTAGATAAAATTCATTC 1192
b 19 TATTAGATAAAATTCATTC 1

RESULT 119
US-09-263-959-416/c
Sequence 416, Application US/09263959
Publication No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rozen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
```

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STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 416:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-416

Query Match      1.1%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

a 1143 TTTATTTTATTTTA 1156
b 14 TTTATTTTATTTTA 1

RESULT 120
US-09-263-959-499/c
Sequence 499, Application US/09263959
Publication No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rozen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 499:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
```

STRANDEDNESS: single
TOPOLOGY: linear

S-09-263-959-499

Query Match 1.1%; Score 14; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1207 AAACAACAAACAA 1220
b 15 AAACAACAAACAA 2

RESULT 121

S-09-263-959-695

Sequence 695, Application US/09263959

Patent No. US20020150891A1

GENERAL INFORMATION:

APPLICANT: Hood, Leroy B.

APPLICANT: Rowen, Lee

APPLICANT: Koop, Ben F.

TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI

NUMBER OF SEQUENCES: 1279

CORRESPONDENCE ADDRESS:

ADDRESSEE: Seed and Berry LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue

CITY: Seattle

STATE: Washington

COUNTRY: US

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/263,959

FILING DATE: 05-MAR-1999

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: McWaters, David D.

REGISTRATION NUMBER: 33,963

REFERENCE/DOCKET NUMBER: 920010.426C2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 695:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

S-09-263-959-695

Query Match 1.1%; Score 14; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1143 TTTATTTTATTTTA 1156
b 2 TTTATTTTATTTTA 15

RESULT 122

S-09-866-108-7599

Sequence 7599, Application US/09866108

Patent No. US20020048800A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Shaotong G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00662

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00661

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00670

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 60/234,687

PRIOR FILING DATE: 2000-09-21

PRIOR APPLICATION NUMBER: US 60/266,860

PRIOR FILING DATE: 2001-02-05

NUMBER OF SEQ ID NOS: 15752

SOFTWARE: Aeomica Sequence Listing Engine

SEQ ID NO 7599

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-108-7599

Query Match 1.1%; Score 14; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 2.4e+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 939 GCCACCATCTTACC 952
Db 4 GCCACCATCTTACC 17

RESULT 123

US-09-866-108-7603

Sequence 7603, Application US/09866108

Patent No. US20020048800A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Shaotong G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04


```
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aemica Sequence Listing Engine
; SEQ ID NO 7603
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7603

Query Match      1.1%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      940 CCACCATCTTACT 953
Db      1 CCACCATCTTACT 14

RESULT 124
US-09-848-754A-714
; Sequence 714, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MEH800-958-1 (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 714
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-714

Query Match      1.1%; Score 14; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2.4e+02;
Matches 11; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      1599 AGTAAATATGAAC 1612
Db      2 AGTAAAUUGAAC 15

RESULT 125
US-09-848-754A-3038

; Sequence 3038, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: MEH800-958-1 (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3038
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-3038

Query Match      1.1%; Score 14; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2.4e+02;
Matches 11; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      1599 AGTAAATATGAAC 1612
Db      4 AGTAAAUUGAAC 17

RESULT 126
US-09-263-959-630/c
; Sequence 630, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McWaters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 630:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-630

Query Match      1.1%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1143 TTTATTTTATTTTA 1156
Db      1143 TTTATTTTATTTTA 1156
```

b 18 TTTATTTTATTTTA 5

RESULT 127

S-09-263-959-856
Sequence 856, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 856:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
S-09-263-959-856

Query Match 1.1%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 1207 AAACAACAACA 1220

b 1 AAACAACAACA 14

RESULT 128

S-09-263-959-963
Sequence 963, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 963:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-963

Query Match 1.1%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1143 TTTATTTTATTTTA 1156

Db 2 TTTATTTTATTTTA 15

RESULT 129

US-10-085-906-147
Sequence 147, Application US/10085906
Publication No. US20030054371A1
GENERAL INFORMATION:
APPLICANT: Ying, Vincent
APPLICANT: Wu, Paul
APPLICANT: Gray, Gary S.
TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
FILE REFERENCE: GNN-5343CP2
CURRENT APPLICATION NUMBER: US/10/085,906
CURRENT FILING DATE: 2002-02-27
PRIOR APPLICATION NUMBER: US 60/126,215
PRIOR FILING DATE: 1999-03-25
PRIOR APPLICATION NUMBER: US 09/534,061
PRIOR FILING DATE: 2000-03-24
PRIOR APPLICATION NUMBER: PCT/US00/07938
PRIOR FILING DATE: 2000-03-24
NUMBER OF SEQ ID NOS: 545
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 147
LENGTH: 28
TYPE: DNA
ORGANISM: Homo sapiens
US-10-085-906-147

Query Match 1.1%; Score 14; DB 1; Length 28;
Best Local Similarity 77.3%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 1590 AAATATAAAGTAAATATGAAA 1611

Db 7 AAATATAAATATAAATAAAA 28

RESULT 130

US-09-263-959-750/c
Sequence 750, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee

APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 750:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-750

Query Match 1.1%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1045 TATTTATGATTATT 1061
DB 17 TATTTATGATTATT 1

RESULT 131
US-09-730-289B-126/C
; Sequence 126, Application US/09730289B
; Publication No. US20030050259A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
; FILE REFERENCE: MBHE00-864-A (400/006)
; CURRENT APPLICATION NUMBER: US/09/730,289B
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/169,100
; PRIOR FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 3897
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 126
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-730-289B-126

Query Match 1.1%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 632 AATTTTGAATAAGG 648
DB 17 AATTTTGAATAAAG 1

RESULT 132
US-09-730-289B-842
; Sequence 842, Application US/09730289B
; Publication No. US20030050259A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
; FILE REFERENCE: MBHE00-864-A (400/006)
; CURRENT APPLICATION NUMBER: US/09/730,289B
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/169,100
; PRIOR FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 3897
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 842
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-730-289B-842

Query Match 1.1%; Score 13.8; DB 1; Length 17;
Best Local Similarity 41.2%; Pred. No. 2.6e+02;
Matches 7; Conservative 8; Mismatches 2; Indels 0; Gaps 0;

QY 589 TATGTAAAGTATTATT 605
DB 1 UUAUAAAGCAUUAUU 17

RESULT 133
US-09-730-289B-956/C
; Sequence 956, Application US/09730289B
; Publication No. US20030050259A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
; FILE REFERENCE: MBHE00-864-A (400/006)
; CURRENT APPLICATION NUMBER: US/09/730,289B
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/169,100
; PRIOR FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 3897
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 956
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-730-289B-956

Query Match 1.1%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1004 AACATAAATTATTTC 1020
DB 17 AATATAAATTATTTC 1

RESULT 134
US-10-238-700-1167
; Sequence 1167, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Leve
; FILE REFERENCE: 400/057 (MBHE01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700

CURRENT FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: PCT/US 02/16940
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/318,471
PRIOR FILING DATE: 2001-09-10
NUMBER OF SEQ ID NOS: 4666
SOFTWARE: Patent in version 3.0
SEQ ID NO 1167
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
S-10-238-700-1167

Query Match 1.1%; Score 13.8; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 2.6e+02;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Y 1605 TATGAACATTTTAAAT 1621
C 1 UAUCAACAUAUAAAU 17

RESULT 135

S-10-105-481-23
Sequence 23, Application US/10105481
Publication No. US2003004955A1

GENERAL INFORMATION:

APPLICANT: Berka, Randy M
APPLICANT: Cullen, Daniel
APPLICANT: Gray, Gregory L
APPLICANT: Havenga, Kirk J
APPLICANT: Lawlis, Virgil B

TITLE OF INVENTION: Heterologous Polypeptides Expressed in Filamentous

TITLE OF INVENTION: Fungi, Process for

TITLE OF INVENTION: Making Same and Vectors for Making Same

FILE REFERENCE: A-42909-5

CURRENT APPLICATION NUMBER: US/10/105,481

CURRENT FILING DATE: 2002-03-20

PRIOR APPLICATION NUMBER: 09/468,265

PRIOR FILING DATE: 1999-12-10

PRIOR APPLICATION NUMBER: 08/484,384

PRIOR FILING DATE: 1995-06-07

PRIOR APPLICATION NUMBER: 08/284,942

PRIOR FILING DATE: 1994-08-02

PRIOR APPLICATION NUMBER: 07/413,010

PRIOR FILING DATE: 1989-09-25

PRIOR APPLICATION NUMBER: 07/163,219

PRIOR FILING DATE: 1988-02-26

PRIOR APPLICATION NUMBER: 06/882,224

PRIOR FILING DATE: 1986-07-07

PRIOR APPLICATION NUMBER: 06/771,374

PRIOR FILING DATE: 1985-08-29

NUMBER OF SEQ ID NOS: 28

SOFTWARE: Patent in version 3.1

SEQ ID NO 23

LENGTH: 17

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: synthetic oligonucleotide probes

S-10-105-481-23

Query Match 1.1%; Score 13.8; DB 1; Length 17;

Best Local Similarity 80.0%; Pred. No. 2.6e+02;

Matches 12; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Y 1271 AGTATAAGTACATTA 1285

C 2 ARTAYAAATACATTA 16

RESULT 136

S-10-060-756A-1930/c

Sequence 1930, Application US/10060756A
Publication No. US29030046717A1

GENERAL INFORMATION:

APPLICANT: Zhang, Jian

TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN

FILE REFERENCE: PB0177

CURRENT APPLICATION NUMBER: US/10/060,756A

CURRENT FILING DATE: 2002-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 09/864,761

PRIOR FILING DATE: 2001-05-23

PRIOR APPLICATION NUMBER: US 60/327,898

PRIOR FILING DATE: 2001-10-09

NUMBER OF SEQ ID NOS: 4804

SOFTWARE: Acomica Sequence Listing Engine

SEQ ID NO 1930

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-10-060-756A-1930

Query Match 1.1%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 2.6e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1456 TGTATTATGTACAAA 1472

Db 17 TGCTTATGATGACAAA 1

RESULT 137

US-09-263-959-945/c

Sequence 945, Application US/09263959

Patent No. US20020150891A1

GENERAL INFORMATION:

APPLICANT: Hood, Leroy E.

APPLICANT: Rowen, Lee

APPLICANT: Koop, Ben F.

TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI

NUMBER OF SEQUENCES: 1279

CORRESPONDENCE ADDRESS:

ADDRESSEE: Seed and Berry LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue

CITY: Seattle

STATE: Washington

COUNTRY: US

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/263,959

FILING DATE: 05-MAR-1999

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: McMasters, David D.

REGISTRATION NUMBER: 33,963

REFERENCE/DOCKET NUMBER: 920010.426C2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 945:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; JS-09-263-959-945

Query Match 1.1%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1046 ATTATGATTATTATTA 1062
|||||
DB 19 ATTATGATTATTATTA 3

RESULT 138
US-10-027-632-176756/c
; Sequence 176756, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027.632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 176756
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-176756

Query Match 1.1%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 440 ACTTCAAGCAATCTAC 456
|||||
DB 18 ACTTCAAGCAATCTAC 2

RESULT 139
US-10-027-632-176756/c
; Sequence 176756, Application US/10027632
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027.632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676

; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 176756
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-176756

Query Match 1.1%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 440 ACTTCAAGCAATCTAC 456
|||||
DB 18 ACTTCAAGCAATCTAC 2

RESULT 140
US-10-085-906-501
; Sequence 501, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Yang, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 501
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-501

Query Match 1.1%; Score 13.6; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1469 CAAATAGATTCTTATAAT 1488
|||||
DB 1 CAAATATATCTTATATAT 20

RESULT 141
US-09-263-959-622/c
; Sequence 622, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTIL

NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 622:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-622

Query Match 1.1%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1047 TTTATGTATTATT 1061
|||||
DB 15 TTTATTTATTATT 1

RESULT 142
US-09-263-959-627/c
Sequence 627, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 627:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-627

Query Match 1.1%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1047 TTTATGTATTATT 1061
|||||
DB 15 TTTATTTATTATT 1

RESULT 143
US-09-263-959-650/c
Sequence 650, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 650:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-650

Query Match 1.1%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1047 TTTATGTATTATT 1061
|||||
DB 15 TTTATTTATTATT 1

RESULT 144
US-09-263-959-763
Sequence 763, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
TELEPHONE: (206) 622-4900

APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSES: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 763:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-763

Query Match 1.1%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 2.7e-02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1045 TATTATGTTATTTAT 1059
DB 1 TATTATTTATTTAT 15

RESULT 145
US-09-263-959-933/c
Sequence 933, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSES: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.

REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 933:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-933

Query Match 1.1%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 2.7e-02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1044 TTATTTATGTTATTTA 1058
DB 15 TTATTTATTTATTTA 1

RESULT 146
US-09-842-347-13/c
Sequence 13, Application US/09842347
Publication No. US20030176688A1
GENERAL INFORMATION:
APPLICANT: TAKAHASHI, Tohru
SRIJAWA, No. US20030176688A1ufusa
KOISHI, Ryuta
KAWASHIMA, ichiro
TITLE OF INVENTION: EXPRESSION SYSTEMS UTILIZING
AUTOLYZING FUSION PROTEINS
AND A NOVEL REDUCING POLYPEPTIDE
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSES: Frishauf, Holtz, Goodman, Langer & Chick, P.C.
STREET: 767 Third Avenue-25th Floor
CITY: New York
STATE: New York
COUNTRY: United States
ZIP: 10017-2023
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/842,347
FILING DATE: 25-Apr-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/167,151
FILING DATE: <Unknown>
APPLICATION NUMBER: JP 6-218392
FILING DATE: 13-SRP-1994
APPLICATION NUMBER: JP 6-303809
FILING DATE: 07-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: Goodman, Herbert
REGISTRATION NUMBER: 17081
REFERENCE/DOCKET NUMBER: 950376/HG
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 319-4900
TELEFAX: (212) 319-5101
TELEX: 236288
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid, synthetic DNA

```

HYPOTHETICAL: N
ANTI-SENSE: N
SEQUENCE DESCRIPTION: SEQ ID NO: 13:
S-09-842-347-13
Query Match      1.1%  Score 13.4;  DB 1;  Length 15;
Best Local Similarity 93.3%;  Pred. No. 2.7e+02;
Matches 14;  Conservative 0;  Mismatches 1;  Indels 0;  Gaps 0;

Y 1044 TTATTATGATTATTA 1058
b 15 TTATTATTTATTATTA 1

RESULT 147
S-09-836-712-4/c
Sequence 4, Application US/09836712
Patent No. US20010049106A1
GENERAL INFORMATION:
APPLICANT: PFIZER INC.
TITLE OF INVENTION: ADAMTS POLYPEPTIDES, NUCLEIC ACIDS ENCODING THEM, AND
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: PC10851A
CURRENT APPLICATION NUMBER: US/09/836,712
CURRENT FILING DATE: 2001-04-17
NUMBER OF SEQ ID NOS: 4
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 4
LENGTH: 17
TYPE: DNA
ORGANISM: Human
S-09-836-712-4
Query Match      1.1%  Score 13.4;  DB 1;  Length 17;
Best Local Similarity 93.3%;  Pred. No. 3e+02;
Matches 14;  Conservative 0;  Mismatches 1;  Indels 0;  Gaps 0;

Y 754 TGTGATATTTGGAGC 768
b 15 TGTGATATTTGGAGC 1

RESULT 148
S-09-848-754A-1181
Sequence 1181, Application US/09848754A
Publication No. US20030073207A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
FILE REFERENCE: Levels of Epidermal Growth Factor Receptors
FILE REFERENCE: MEHB00-958-I (400/018)
CURRENT APPLICATION NUMBER: US/09/848,754A
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 9645
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1181
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
S-09-848-754A-1181
Query Match      1.1%  Score 13.4;  DB 1;  Length 17;
Best Local Similarity 73.3%;  Pred. No. 3e+02;
Matches 11;  Conservative 3;  Mismatches 1;  Indels 0;  Gaps 0;

Y 530 AATTTCAGTAAACAA 544
b 3 AAUUCAGGAAACAA 17

RESULT 149
S-09-848-754A-3292
Sequence 3292, Application US/09848754A
Publication No. US20030073207A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
FILE REFERENCE: Levels of Epidermal Growth Factor Receptors
FILE REFERENCE: MEHB00-958-I (400/018)
CURRENT APPLICATION NUMBER: US/09/848,754A
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 9645
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3292
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
S-09-848-754A-3292
Query Match      1.1%  Score 13.4;  DB 1;  Length 17;
Best Local Similarity 73.3%;  Pred. No. 3e+02;
Matches 11;  Conservative 3;  Mismatches 1;  Indels 0;  Gaps 0;

Y 530 AATTTCAGTAAACAA 544
b 2 AAUUCAGGAAACAA 16

RESULT 150
US-09-848-754A-3293
Sequence 3293, Application US/09848754A
Publication No. US20030073207A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
FILE REFERENCE: Levels of Epidermal Growth Factor Receptors
FILE REFERENCE: MEHB00-958-I (400/018)
CURRENT APPLICATION NUMBER: US/09/848,754A
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 9645
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3293
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-848-754A-3293
Query Match      1.1%  Score 13.4;  DB 1;  Length 17;
Best Local Similarity 73.3%;  Pred. No. 3e+02;
Matches 11;  Conservative 3;  Mismatches 1;  Indels 0;  Gaps 0;

Y 530 AATTTCAGTAAACAA 544
b 1 AAUUCAGGAAACAA 15

RESULT 151
US-09-930-423-226
Sequence 226, Application US/09930423
Publication No. US20030092003A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: MEHB00,918-A 400/027
CURRENT APPLICATION NUMBER: US/09/930,423
CURRENT FILING DATE: 2001-08-15
NUMBER OF SEQ ID NOS: 4553
SOFTWARE: PatentIn version 3.0
SEQ ID NO 226
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-930-423-226
```



```
Query Match      1.1%; Score 13.4; DB 1; Length 17;
Best Local Similarity 53.3%; Pred. No. 3e+02; 1; Indels 0; Gaps 0;
Matches 8; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 1442 TGCTGGTTGAAACTT 1456
   :||: :|||||:
Db 2 UGCUGCUUGAACAUCU 16

RESULT 152
US-09-930-423-897
; Sequence 897, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00.918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930/423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 897
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-897

Query Match      1.1%; Score 13.4; DB 1; Length 17;
Best Local Similarity 53.3%; Pred. No. 3e+02; 1; Indels 0; Gaps 0;
Matches 8; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 1442 TGCTGGTTGAAACTT 1456
   :||: :|||||:
Db 3 UGCUGCUUGAACAUCU 17

RESULT 153
US-09-930-423-1100
; Sequence 1100, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00.918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930/423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1100
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1100

Query Match      1.1%; Score 13.4; DB 1; Length 17;
Best Local Similarity 53.3%; Pred. No. 3e+02; 1; Indels 0; Gaps 0;
Matches 8; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 1442 TGCTGGTTGAAACTT 1456
   :||: :|||||:
Db 1 UGCUGCUUGAACAUCU 15

RESULT 154
US-09-745-237A-226
; Sequence 226, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
```

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; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 226
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-226

Query Match      1.1%; Score 13.4; DB 1; Length 17;
Best Local Similarity 53.3%; Pred. No. 3e+02; 1; Indels 0; Gaps 0;
Matches 8; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 1442 TGCTGGTTGAAACTT 1456
   :||: :|||||:
Db 2 UGCUGCUUGAACAUCU 16

RESULT 155
US-09-745-237A-897
; Sequence 897, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 897
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-897

Query Match      1.1%; Score 13.4; DB 1; Length 17;
Best Local Similarity 53.3%; Pred. No. 3e+02; 1; Indels 0; Gaps 0;
Matches 8; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 1442 TGCTGGTTGAAACTT 1456
   :||: :|||||:
Db 3 UGCUGCUUGAACAUCU 17

RESULT 156
US-09-745-237A-1100
; Sequence 1100, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1100
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1100

Query Match      1.1%; Score 13.4; DB 1; Length 17;
Best Local Similarity 53.3%; Pred. No. 3e+02; 1; Indels 0; Gaps 0;
Matches 8; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 1442 TGCTGGTTGAAACTT 1456
   :||: :|||||:
Db 3 UGCUGCUUGAACAUCU 17
```

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Best Local Similarity 53.3%; Pred. No. 3e+02; Mismatches 1; Indels 0; Gaps 0;
Matches 8; Conservative 6;

Y 1442 TCGTGGTTGAACTT 1456
    :|||: :|||:|:|:
b 1 UGCUGCUGAAGACU 15

RESULT 157
S-10-238-700-1268
Sequence 1268, Application US/10238700
Publication No. US20030153521A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
FILE REFERENCE: 400/057 (WBH01-1158-A)
CURRENT APPLICATION NUMBER: US/10/238,700
CURRENT FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: PCT/US 02/16840
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/318,471
PRIOR FILING DATE: 2001-09-10
NUMBER OF SEQ ID NOS: 4666
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1268
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
S-10-238-700-1268

Query Match 1.1%; Score 13.4; DB 1; Length 17;
Best Local Similarity 26.7%; Pred. No. 3e+02;
Matches 4; Conservative 10; Mismatches 1; Indels 0; Gaps 0;

Y 1043 ATTATTATGATTT 1057
    |::|::|:|:|:
b 2 AUUAUUAUUAUU 16

RESULT 158
S-10-238-700-3635/c
Sequence 3635, Application US/10238700
Publication No. US20030153521A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
FILE REFERENCE: 400/057 (WBH01-1158-A)
CURRENT APPLICATION NUMBER: US/10/238,700
CURRENT FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: PCT/US 02/16840
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/318,471
PRIOR FILING DATE: 2001-09-10
NUMBER OF SEQ ID NOS: 4666
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3635
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
S-10-238-700-3635

Query Match 1.1%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1332 TCCAGTCTTGTCAT 1346
    |||||:|:|:|:|:
b 15 TCCAGTCTTGTCCT 1

RESULT 159

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US-10-338-777-139/c
; Sequence 139, Application US/10338777
; Publication No. US20030188343A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: United States Department of Agriculture
; APPLICANT: Bowen, Benjamin A
; APPLICANT: Haudenschild, Christian D
; APPLICANT: Buckler, Edward S
; TITLE OF INVENTION: Identification of Genes Associated with Growth in Plants
; FILE REFERENCE: 37-000510US
; CURRENT APPLICATION NUMBER: US/10/338,777
; CURRENT FILING DATE: 2003-01-07
; NUMBER OF SEQ ID NOS: 405
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 139
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-10-338-777-139

Query Match 1.1%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1103 TGAATCATTCATTGA 1117
    |||||:|:|:|:|:
Db 17 TGAACCATTCATTGA 3

RESULT 160
US-10-060-756A-1670/c
; Sequence 1670, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aecolca Sequence Listing Engine
; SEQ ID NO 1670
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-1670

Query Match 1.1%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 677 TACAAATAGCAAAAT 691
    |||||:|:|:|:|:
Db 17 TAAATAAGCAAAAT 3

```

RESULT 161

US-10-060-756A-1674/c
; Sequence 1674, Application US/10060756A
; Publication No. US20030045717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 1674
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-1674

Query Match 1.1%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 675 TATCAAAATGACAAA 689
|||||
DB 15 TATCAAAATGACAAA 1

RESULT 162

US-10-156-306-5017
; Sequence 5017, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MEH801-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5017
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5017

Query Match 1.1%; Score 13.4; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 968 GAGCAGCATGTGGGAG 982
|||||
DB 3 GAGCAGCATGTGGGAG 17

RESULT 163

US-09-774-414-22
; Sequence 22, Application US/09774414
; Patent No. US20020102231A1
; GENERAL INFORMATION:
; APPLICANT: The Institute of Physical and Chemical Research
; TITLE OF INVENTION: Endonuclease
; FILE REFERENCE: PH-651
; CURRENT APPLICATION NUMBER: US/09/774,414
; CURRENT FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 09/306,970
; PRIOR FILING DATE: 1999-05-07
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 22
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-09-774-414-22

Query Match 1.1%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 3.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1282 ATTATGTTTATCTG 1296
|||||
DB 3 ATTATGTTTATCTG 17

RESULT 164

US-10-251-117-640
; Sequence 640, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
; FILE REFERENCE: 900/042 (MEH802-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 640
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siRNA sense
US-10-251-117-640

Query Match 1.1%; Score 13.4; DB 1; Length 19;
Best Local Similarity 73.3%; Pred. No. 3.3e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 530 AATTTCAGTAAACAA 544
|||||
DB 4 AATTCAGTAAACAA 18

RESULT 165

US-10-251-117-947/c

Sequence 947, Application US/10251117
Publication No. US20030170891A1

GENERAL INFORMATION: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James

TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
TITLE OF INVENTION: Gene Expression Using Short Interfering RNA

FILE REFERENCE: 900/042 (MEHB02-468-A)
CURRENT APPLICATION NUMBER: US/10/251,117

CURRENT FILING DATE: 2003-02-24
PRIOR APPLICATION NUMBER: US 60/393,924

PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/163,552

PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/358,580

PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 09/916,466

PRIOR FILING DATE: 2001-07-25
PRIOR APPLICATION NUMBER: US 60/296,249

PRIOR FILING DATE: 2001-06-06
NUMBER OF SEQ ID NOS: 1213

SOFTWARE: PatentIn version 3.0
SEQ ID NO 947

LENGTH: 19
TYPE: RNA

ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-947

Query Match 1.1%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 3.3e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 530 AATTTCAGTAACAA 544
b 16 AATTTCAGTAACAA 2

RESULT 166
US-09-994-311-6/c

Sequence 6, Application US/09994311
Publication No. US20030082556A1

GENERAL INFORMATION: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Kaufman, Joseph C.

APPLICANT: Roth, Matthew E.
APPLICANT: Lizardi, Paul M.

APPLICANT: Feng, Li
APPLICANT: Latimer, Darin R.

TITLE OF INVENTION: Binary Encoded Sequence Tags
FILE REFERENCE: AGL 100

CURRENT APPLICATION NUMBER: US/09/994,311
CURRENT FILING DATE: 2001-11-26

PRIOR APPLICATION NUMBER: US/09/637,751
PRIOR FILING DATE: 2000-08-11

NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 6
LENGTH: 18

TYPE: DNA
ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer

US-09-994-311-6

Query Match 1.1%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 516 ACACAAACACCAATTA 633
b 18 ACACAAACACCAATTA 1

RESULT 169
US-10-310-294-57/c

Sequence 81, Application US/10168771
Publication No. US20030148974A1

GENERAL INFORMATION: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Brett P. Monia

APPLICANT: Richard A. Roth
APPLICANT: Lex M. Cowser

APPLICANT: Leland Stanford Junior University
TITLE OF INVENTION: ANTISENSE MODULATION OF Akt-3 EXPRESSION

FILE REFERENCE: RTSP-0322
CURRENT APPLICATION NUMBER: US/10/168,771

CURRENT FILING DATE: 2002-06-21
PRIOR APPLICATION NUMBER: 09/474,922

PRIOR FILING DATE: 1999-12-29
NUMBER OF SEQ ID NOS: 89

SEQ ID NO 81
LENGTH: 18

TYPE: DNA
ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide

US-10-168-771-81

Query Match 1.1%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1596 AAGAGTAATTAATGAACA 1613
b 18 AAGAGTAATTAATGAACA 1

RESULT 167
US-10-297-068-166

Sequence 166, Application US/10297068
Publication No. US20030228585A1

GENERAL INFORMATION: Ribozyme Pharmaceuticals, Inc.
APPLICANT: INOKO, Hidetoshi

APPLICANT: KAGIYA, Taeko
APPLICANT: ICHIHARA, Tatsuo

APPLICANT: Matsumura, Yoshiyuki
APPLICANT: MORIYA, Shogo

APPLICANT: NISHIDA, Michio
TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES

FILE REFERENCE: 13140P1174
CURRENT APPLICATION NUMBER: US/10/297,068

CURRENT FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: JP 2000-164798

PRIOR FILING DATE: 2000-06-01
NUMBER OF SEQ ID NOS: 1298

SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 166

LENGTH: 18
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: capture
US-10-297-068-166

Query Match 1.1%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 519 GGTAAATTTGAATTTCA 536
b 1 GGTAAATTTGAATTTCA 18

RESULT 168
US-10-168-771-81/c

Sequence 81, Application US/10168771
Publication No. US20030148974A1

GENERAL INFORMATION: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Brett P. Monia

APPLICANT: Richard A. Roth
APPLICANT: Lex M. Cowser

APPLICANT: Leland Stanford Junior University
TITLE OF INVENTION: ANTISENSE MODULATION OF Akt-3 EXPRESSION

FILE REFERENCE: RTSP-0322
CURRENT APPLICATION NUMBER: US/10/168,771

CURRENT FILING DATE: 2002-06-21
PRIOR APPLICATION NUMBER: 09/474,922

PRIOR FILING DATE: 1999-12-29
NUMBER OF SEQ ID NOS: 89

SEQ ID NO 81
LENGTH: 18

TYPE: DNA
ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide

US-10-168-771-81

Query Match 1.1%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1596 AAGAGTAATTAATGAACA 1613
b 18 AAGAGTAATTAATGAACA 1

RESULT 169
US-10-310-294-57/c

```
; Sequence 57, Application US/10310294
; Publication No. US20030148985A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Morrissey, James
; APPLICANT: McSwiggan, Dave
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE INHIBITION OF HEPATITIS B VIRUS REPLICATION
; FILE REFERENCE: 01,1728-A 400/072
; CURRENT APPLICATION NUMBER: US/10/310,294
; CURRENT FILING DATE: 2002-12-05
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 57
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: HBV Deoxy Nucleic Acid
US-10-310-294-57

Query Match 1.1%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1102 ATGAATCATTCATTCGAAT 1119
Db 18 ATGAATCATTCATTCGAAT 1

RESULT 170
US-10-169-519A-22/c
; Sequence 22, Application US/10169519A
; Publication No. US20030186905A1
; GENERAL INFORMATION:
; APPLICANT: Hadasit Medical Research Services & Development LT
; TITLE OF INVENTION: CIS-ACTING REGULATORY NUCLEIC ACID SEQUENCES IN THE
; FILE REFERENCE: PARATHYROID HORMON 3'-UTR
; CURRENT APPLICATION NUMBER: US/10/169,519A
; CURRENT FILING DATE: 2003-04-08
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 22
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: 3' PRIMER FOR
US-10-169-519A-22

Query Match 1.1%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 585 CTCTATATGTAAGTATTA 602
Db 18 CTCTCTTTTAAAGTATTA 1

RESULT 171
US-10-043-875-9/c
; Sequence 9, Application US/10043875
; Publication No. US20030054339A1
; GENERAL INFORMATION:
; APPLICANT: De Smet, Koenraad
; APPLICANT: Scuyver, Lieven
; TITLE OF INVENTION: Method for Detection of Drug-Induced Mutations in the HIV Reverse
; FILE REFERENCE: Transcriptionase Gene
; CURRENT APPLICATION NUMBER: US/10/043,875
; CURRENT FILING DATE: 2002-04-03
; PRIOR APPLICATION NUMBER: 60/286,102
```

```
; PRIOR FILING DATE: 2001-04-24
; PRIOR APPLICATION NUMBER: EP 01870085.6
; PRIOR FILING DATE: 2001-04-20
; PRIOR APPLICATION NUMBER: EP 01870005.4
; PRIOR FILING DATE: 2001-01-11
; NUMBER OF SEQ ID NOS: 884
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Human immunodeficiency virus
US-10-043-875-9
```

```
Query Match 1.1%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 1570 TACTGTCTCTGATTCAT 1587
Db 18 TACTGTCTCTGATTCATTTT 1
```

```
RESULT 172
US-10-146-575-15
; Sequence 15, Application US/10146575
; Publication No. US20030059800A1
; GENERAL INFORMATION:
; APPLICANT: Lichter, Jay
; APPLICANT: Guido, Marco
; TITLE OF INVENTION: GENOTYPING OF HUMAN CYP3A4
; FILE REFERENCE: SEQ-12P
; CURRENT APPLICATION NUMBER: US/10/146,575
; CURRENT FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: US/09/144,367
; PRIOR FILING DATE: 1998-08-31
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: H. sapiens
US-10-146-575-15
```

```
Query Match 1.1%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 414 CAAGAATCAGTGAAGATG 431
Db 1 CAAGAATCAGAGAGAGG 18
```

```
RESULT 173
US-10-146-575-29
; Sequence 29, Application US/10146575
; Publication No. US20030059800A1
; GENERAL INFORMATION:
; APPLICANT: Lichter, Jay
; APPLICANT: Guido, Marco
; TITLE OF INVENTION: GENOTYPING OF HUMAN CYP3A4
; FILE REFERENCE: SEQ-12P
; CURRENT APPLICATION NUMBER: US/10/146,575
; CURRENT FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: US/09/144,367
; PRIOR FILING DATE: 1998-08-31
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 29
; LENGTH: 18
; TYPE: DNA
; ORGANISM: H. sapiens
US-10-146-575-29
```

RESULT 176
US-10-084-839-1147
; Sequence 1147, Application US/10084839

GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Allawi, Hatim
APPLICANT: Argue, Brad T.
APPLICANT: Bartholomay, Christian T.
APPLICANT: Chehak, LuAnne
APPLICANT: Curtis, Michelle L.
APPLICANT: Eis, Peggy S.
APPLICANT: Hall, Jeff G.
APPLICANT: Ip, Hon S.

```

/ APPLICANT: Chehak, LuAnne
/ APPLICANT: Curtis, Michelle L.
/ APPLICANT: Eis, Peggy S.
/ APPLICANT: Hall, Jeff G.
/ APPLICANT: Ip, Hon S.
/ APPLICANT: Ji, Lin
/ APPLICANT: Kaiser, Michael
/ APPLICANT: Kwiatkowski, Jr., Robert W.
/ APPLICANT: Lukowiak, Andrew A.
/ APPLICANT: Lyamichev, Victor
/ APPLICANT: Lymaicheva, Natalie E.
/ APPLICANT: Ma, WuPo
/ APPLICANT: Neri, Bruce P.
/ APPLICANT: Olson, Sarah M.
/ APPLICANT: Olson-Munoz, Marilyn C.
/ APPLICANT: Schaefer, James J.
/ APPLICANT: Skrzypczynski, Edgigniew
/ APPLICANT: Takova, Tssetska Y.
/ APPLICANT: Thompson, Lisa C.
/ APPLICANT: Vedvik, Kevin L.
/ TITLE OF INVENTION: RNA Detection Assays
/ FILE REFERENCE: FORS-06666
/ CURRENT APPLICATION NUMBER: US/10/084,839
/ CURRENT FILING DATE: 2002-02-26
/ NUMBER OF SEQ ID NOS: 4004
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 1147
/ LENGTH: 37

```

```

/ APPLICANT: Takova, Ivetka P.
/ APPLICANT: Thompson, Lisa C.
/ APPLICANT: Vedvik, Kevin L.
/ TITLE OF INVENTION: RNA Detection Assays
/ FILE REFERENCE: FORS-06666
/ CURRENT APPLICATION NUMBER: US/10/084,839
/ CURRENT FILING DATE: 2002-02-26
/ NUMBER OF SEQ ID NOS: 4004
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 1147
/ LENGTH: 37
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
US-10-084-839-1147

```

```

US-10-084-839-1147
Query Match 1.1%; Score 13.2; DB 1; Length 37;
Best Local Similarity 61.8%; Pred. No. 4.8e+02;
Matches 21; Conservative 0; Mismatches 13; Indels

QY 703 CCAAGAGGATATCCGAACCTTAATTTCCAGAAAT 736
      ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 1 CCCATTCAATTCCTGAAATTAAGTTCCGATATT 34

RESULT 177
US-10-084-839-1148
; Sequence 1148, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.

```

APPLICANT: Hall, Jeff G.
APPLICANT: Ip, Hon S.
APPLICANT: Ji, Lin
APPLICANT: Kaiser, Michael
APPLICANT: Kwiatkowski, Jr., Robert W.
APPLICANT: Lukowiak, Andrew A.
APPLICANT: Lyamichev, Victor
APPLICANT: Lymaicheva, Natalie E.
APPLICANT: Ma, WuPo

APPLICANT: Kwiatkowski, Jr., Robert W.
APPLICANT: Inukwatak, Andrew A.
APPLICANT: Lyamichev, Victor
APPLICANT: Lymaicheva, Natalie E.
APPLICANT: Ma, WuPo

APPLICANT: Neri, Bruce P.
 APPLICANT: Olson, Sarah M.
 APPLICANT: Olson-Munoz, Marilyn C.
 APPLICANT: Schaefer, James J.
 APPLICANT: Skrzypczynski, Zbigniew
 APPLICANT: Takova, Tssetska Y.
 APPLICANT: Thompson, Lisa C.
 APPLICANT: Vedvik, Kevin L.
 TITLE OF INVENTION: RNA Detection Assays
 FILE REFERENCE: FORS-06666
 CURRENT APPLICATION NUMBER: US/10/084,839
 CURRENT FILING DATE: 2002-02-26
 NUMBER OF SEQ ID NOS: 4004
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 1148
 LENGTH: 37
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic
 JS-10-084-839-1148

```

Query Match      1.13; Score 13.2; DB 1; Length 37;
Best Local Similarity 61.8%; Prid. No. 4.8e+02;
Matches 21; Conservative 0; Mismatches 13; Indels 0; Gaps 0;
2Y 703 CCACAGAGAAATATCCGAACCTTTAATTTACGGAATT 736
2B 1 CCCATTCAAAATTCCTGAAATTAAGATTCGGATATT 34

```

RESULT 178
JS-09-864-636A-1138
Sequence 1138, Application US/09864636A
Publication No. US20030104378A1
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: All'wai, Hatim
APPLICANT: Bartholomay, Christian
APPLICANT: Chehak, LuAnne
TITLE OF INVENTION: Detection of RNA S
FILE REFERENCE: PORS-04944
CURRENT APPLICATION NUMBER: US/09/864,
CURRENT FILING DATE: 2002-10-15
NUMBER OF SEQ ID NOS: 2440
SOFTWARE: Patentin version 3.0
SEQ ID NO 1138
LENGTH: 42
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-864-636A-1138

	Query Match	1.1%	Score 13.2;	DB 1;	Length 42;
	Best Local Similarity	61.8%	Pred. No. 4.7e+02;		
	Matches 21;	Conservative	0;	Mismatches 13;	Indels 0;
Qy	710	AATATCCGAACCTTTAAATTTCCAGGAATTCGAATGGG	743		
Dh	7	AATTCCTGGAATTTAAAGTTCCGAAATCTCTCTTGG	40		

RESULT 179
US-10-084-839-1138
; Sequence 1138, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomew, Christian T.
; APPLICANT: Chelak, LuAnne
;

```

, APPLICANT: Curtis, Michelle L.
, APPLICANT: Sis, Peggy S.
, APPLICANT: Hall, Jeff G.
, APPLICANT: Ip, Hon S.
, APPLICANT: Ji, Lin
, APPLICANT: Kaiser, Michael
, APPLICANT: Kwiatkowski, Jr., Robert W.
, APPLICANT: Lukowiak, Andrew A.
, APPLICANT: Lyamichev, Victor
, APPLICANT: Lymaicheva, Natalie E.
, APPLICANT: Ma, WuPo
, APPLICANT: Neri, Bruce P.
, APPLICANT: Olson, Sarah M.
, APPLICANT: Olson-Munoz, Marilyn C.
, APPLICANT: Schaefer, James J.
, APPLICANT: Skrzypczynski, Zbigniew
, APPLICANT: Takova, Tsetaka Y.
, APPLICANT: Thompson, Lisa C.
, APPLICANT: Veevik, Kevin L.
, TITLE OF INVENTION: RNA Detection Assays
, FILE REFERENCE: FORS-06666
, CURRENT APPLICATION NUMBER: US/10/084,839
, CURRENT FILING DATE: 2002-02-26
, NUMBER OF SEQ ID NOS: 4004
, SOFTWARE: PatentIn version 3.1
, SEQ ID NO 1138
, LENGTH: 42
, TYPE: DNA
, ORGANISM: Artificial Sequence
, FEATURE:
, OTHER INFORMATION: Synthetic
US-10-084-839-1138

```

Query Match	1.1%;	Score 13.2;	DB 1;	Length 42;
Best Local Similarity	61.8%;	Pred. No. 4.7e+03;		
Matches 21;	Conservative 0;	Mismatches 12;	Indels 0;	Gaps 0;
Qy	710	AAATACCGAACTTTTAATTCAGGAAATGATGGG	743	
Dh	7	AAATCTGAAATTAAGATTCGGATAATCTCTGG	40	

RESULT 180
US-09-263-959-520/c
; Sequence 520, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC C
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McWasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900
 TELEFAX: (206) 682-6031
 INFORMATION FOR SEQ ID NO: 520:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 13 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 S-09-263-959-520

Query Match 1.0%; Score 13; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 2.7e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1143 TTTATTTTATTT 1155
 |||||
 b 13 TTTATTTTATTT 1

RESULT 181

S-09-263-959-667
 Sequence 667, Application US/09263959
 Patent No. US20020150891A1
 GENERAL INFORMATION:

APPLICANT: Hood, Leroy B.

APPLICANT: Rowen, Lee

APPLICANT: Koop, Ben F.

TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI

NUMBER OF SEQUENCES: 1279

CORRESPONDENCE ADDRESS:

ADDRESSEE: Seed and Berry LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue

CITY: Seattle

STATE: Washington

COUNTRY: US

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/263,959

FILING DATE: 05-MAR-1999

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: McWaters, David D.

REGISTRATION NUMBER: 33,963

REFERENCE/DOCKET NUMBER: 920010.426C2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 667:

SEQUENCE CHARACTERISTICS:

LENGTH: 14 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

S-09-263-959-667

Query Match 1.0%; Score 13; DB 1; Length 14;
 Best Local Similarity 100.0%; Pred. No. 2.9e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1143 TTTATTTTATTT 1155
 |||||
 b 2 TTTATTTTATTT 14

RESULT 182

S-10-044-674-53

Sequence 53, Application US/10044674

Publication No. US20030175710A1

GENERAL INFORMATION:

APPLICANT: Crew, Anne

APPLICANT: Denton, R. Rex

APPLICANT: Bieglecki, Karyn M

APPLICANT: Nandabalan, Krishnan

APPLICANT: Stephens, J. Claiborne

TITLE OF INVENTION: HAPLOTYPES OF THE TNFRSF11B GENE

FILE REFERENCE: TNFRSF11B.MWH-0001US (CIP)

CURRENT FILING DATE: 2002-01-09

PRIOR APPLICATION NUMBER: PCT/US00/18803

PRIOR FILING DATE: 2000-07-10

NUMBER OF SEQ ID NOS: 94

SOFTWARE: Patent in version 3.1

SEQ ID NO 53

LENGTH: 15

TYPE: DNA

ORGANISM: Homo sapiens

US-10-044-674-53

Query Match 1.0%; Score 13; DB 1; Length 15;
 Best Local Similarity 100.0%; Pred. No. 3.1e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1147 TTTATTTTAGAT 1159
 |||||
 Db 1 TTTATTTTAGAT 13

RESULT 183

US-10-357-488-33

Sequence 33, Application US/10357488

Publication No. US20030194730A1

GENERAL INFORMATION:

APPLICANT: Centre For DNA Fingerprinting and Diagnostics

TITLE OF INVENTION: No. US20030194730A1el FISSR-PCR primers and markers and a method

TITLE OF INVENTION: primers and markers for identifying genetic constitution and bre

TITLE OF INVENTION: varieties.

FILE REFERENCE: 782-indian

CURRENT APPLICATION NUMBER: US/10/357,488

CURRENT FILING DATE: 2003-02-04

PRIOR APPLICATION NUMBER: 260/MAS/2002

PRIOR FILING DATE: 2002-04-08

NUMBER OF SEQ ID NOS: 37

SOFTWARE: Patent in version 3.1

SEQ ID NO 33

LENGTH: 15

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: A novel FISSR-PCR primer for genotyping eukaryotes

US-10-357-488-33

Query Match 1.0%; Score 13; DB 1; Length 15;
 Best Local Similarity 100.0%; Pred. No. 3.1e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1207 AAACAACAAACA 1219
 |||||
 Db 1 AAACAACAAACA 13

RESULT 184

US-10-835-27/c

Sequence 27, Application US/10001835

Publication No. US20020160387A1

GENERAL INFORMATION:

APPLICANT: Salceda, Susana

APPLICANT: Macina, Roberto

APPLICANT: Recipon, Herve

APPLICANT: Cafferkey, Robert

APPLICANT: Sun, Yongming

APPLICANT: Liu, Chenghua


```

; TITLE OF INVENTION: Compositions and Methods Relating to Ovary Specific Genes and Pro
; FILE REFERENCE: DEX-0277
; CURRENT APPLICATION NUMBER: US/10/001,835
; CURRENT FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: 60/249,997
; PRIOR FILING DATE: 2000-11-20
; NUMBER OF SEQ ID NOS: 228
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 27
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-001-835-27

Query Match
Best Local Similarity 100.0%; Pred. No. 3.1e+02; DB 1; Length 15;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1038 TATTATTATTATTA 1050
Db 13 TATTATTATTATTA 1

RESULT 185
US-09-263-959-472/c
; Sequence 472, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Rowen, Lee
; APPLICANT: Hood, Leroy B.
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcmasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 472:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-472

Query Match
Best Local Similarity 100.0%; Pred. No. 3.3e+02; DB 1; Length 16;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1144 TTATTATTATTATTA 1156
Db 16 TTATTATTATTATTA 4
```

```

RESULT 186
US-09-866-108-7598
; Sequence 7598, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Mensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEWICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aewica Sequence Listing Engine
; SEQ ID NO 7598
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7598

Query Match
Best Local Similarity 100.0%; Pred. No. 3.4e+02; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 939 GCCACCACTTAC 951
Db 5 GCCACCACTTAC 17

RESULT 187
US-09-866-108-7604
; Sequence 7604, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
```

APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AROMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,697
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 7604
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-7604

Query Match 1.0%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2y 941 CACCATCTTACT 953
2b 1 CACCATCTTACT 13

RESULT 198
US-09-730-289B-614
Sequence 614, Application US/09730289B
Publication No. US20030050259A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
FILE REFERENCE: MBH00-864-A (400/506)
CURRENT APPLICATION NUMBER: US/09/730,289B
CURRENT FILING DATE: 2000-12-05
PRIOR APPLICATION NUMBER: US 60/169,100
PRIOR FILING DATE: 1999-12-06
NUMBER OF SEQ ID NOS: 3897
SOFTWARE: PatentIn version 3.0
SEQ ID NO 614
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens

US-09-730-289B-614

Query Match 1.0%; Score 13; DB 1; Length 17;
Best Local Similarity 84.6%; Pred. No. 3.4e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 610 GAATCTACAAAA 622
Db 1 GAATCTACAAAA 13

RESULT 189

US-09-818-875-1774/c
Sequence 1774, Application US/09818875
Publication No. US20030051270A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Gampier, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 1774
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-818-875-1774

Query Match 1.0%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 510 AAGATTCTCGTT 522
Db 17 AAGATTCTCGTT 5

RESULT 190

US-09-818-875-1775
Sequence 1775, Application US/09818875
Publication No. US20030051270A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Gampier, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 1775

```
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-1775

Query Match
  1.0%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 510 AAGATTCTCTGGTT 522
Db 1 AAGATTCTCTGGTT 13

RESULT 191
US-09-818-875-1778/c
; Sequence 1778, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kniec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1778
; TYPE: DNA
; LENGTH: 17
; ORGANISM: Homo sapiens
US-09-818-875-1778

Query Match
  1.0%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 510 AAGATTCTCTGGTT 522
Db 16 AAGATTCTCTGGTT 4

RESULT 192
US-09-818-875-1779
; Sequence 1779, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kniec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30

; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1779
; TYPE: DNA
; LENGTH: 17
; ORGANISM: Homo sapiens
US-09-818-875-1779

Query Match
  1.0%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 510 AAGATTCTCTGGTT 522
Db 2 AAGATTCTCTGGTT 14

RESULT 193
US-09-848-754A-514
; Sequence 514, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MEHB00-958-1 (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 514
; TYPE: RNA
; LENGTH: 17
; ORGANISM: Homo sapiens
US-09-848-754A-514

Query Match
  1.0%; Score 13; DB 1; Length 17;
Best Local Similarity 38.5%; Pred. No. 3.4e+02;
Matches 5; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY 550 AGTTTTCATTGT 562
Db 5 AGUUUUCAUUGU 17

RESULT 194
US-09-848-754A-515
; Sequence 515, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MEHB00-958-1 (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 515
; TYPE: RNA
; LENGTH: 17
; ORGANISM: Homo sapiens
US-09-848-754A-515

Query Match
  1.0%; Score 13; DB 1; Length 17;
Best Local Similarity 38.5%; Pred. No. 3.4e+02;
Matches 5; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY 550 AGTTTTCATTGT 562
Db 4 AGUUUUCAUUGU 16
```


ORGANISM: Homo sapiens
S-10-209-787-1779

Query Match 1.0%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.4e+02; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 510 AGATTCTCGTT 522
|||
b 2 AGATTCTCGTT 14

RESULT 204

S-09-851-501-29/c
Sequence 29, Application US/09851501
Patent No. US2002011942A1

GENERAL INFORMATION:

APPLICANT: DUNLOP, Charles, L.M.

APPLICANT: WEISEL, James, M.

TITLE OF INVENTION: APPROACHES TO IDENTIFY GENETIC TRAITS

FILE REFERENCE: CHARDUN.001CPI

CURRENT APPLICATION NUMBER: US/09/851,501

CURRENT FILING DATE: 2001-05-08

PRIOR APPLICATION NUMBER: PCT/US00/30493

PRIOR FILING DATE: 2000-11-03

PRIOR APPLICATION NUMBER: 50/165,301

PRIOR FILING DATE: 1999-11-12

NUMBER OF SEQ ID NOS: 44

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 29

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Diagnostic Oligonucleotide

S-09-851-501-29

Query Match 1.0%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.6e+02; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 799 TGCCATAAAGTCA 811
|||
b 14 TGCCATAAAGTCA 2

RESULT 205

S-10-142-722-29/c

Sequence 29, Application US/10142722

Publication No. US2003003996A1

GENERAL INFORMATION:

APPLICANT: DUNLOP, Charles, L.M.

APPLICANT: WEISEL, James, M.

TITLE OF INVENTION: APPROACHES TO IDENTIFY GENETIC TRAITS

FILE REFERENCE: CHARDUN.001C1

CURRENT APPLICATION NUMBER: US/10/142,722

CURRENT FILING DATE: 2002-09-04

PRIOR APPLICATION NUMBER: PCT/US00/30493

PRIOR FILING DATE: 2000-11-03

PRIOR APPLICATION NUMBER: 50/165,301

PRIOR FILING DATE: 1999-11-12

NUMBER OF SEQ ID NOS: 44

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 29

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Diagnostic Oligonucleotide

S-10-142-722-29

Query Match 1.0%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 799 TGCCATAAAGTCA 811

Db 14 TGCCATAAAGTCA 2

RESULT 206

US-09-972-469-17

Sequence 17, Application US/09972469

Publication No. US20030073085A1

GENERAL INFORMATION:

APPLICANT: Lai, Fang

APPLICANT: Zhou, Daixing

TITLE OF INVENTION: AMPLIFYING EXPRESSED SEQUENCES FROM GENOMIC DNA OF HIGHER-ORDER

FILE REFERENCE: SP01-290

CURRENT APPLICATION NUMBER: US/09/972,469

CURRENT FILING DATE: 2001-10-05

NUMBER OF SEQ ID NOS: 196

SOFTWARE: PatentIn version 3.1

SEQ ID NO 17

LENGTH: 20

TYPE: DNA

ORGANISM: Homo sapiens

US-09-972-469-17

Query Match 1.0%; Score 13; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 3.9e+02;

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 488 GTAGGGTTGCCAG 500

Db 6 GTAGGGTTGCCAG 18

RESULT 207

US-09-882-945A-305

Sequence 305, Application US/09882945A

Publication No. US2003014355A1

GENERAL INFORMATION:

APPLICANT: Iyemichiev, Victor

APPLICANT: Allawi, Hatim

APPLICANT: Dong, Fang

APPLICANT: Neri, Bruce

APPLICANT: Vener, Tatiana

TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites

FILE REFERENCE: PORS-04586

CURRENT APPLICATION NUMBER: US/09/882,945A

CURRENT FILING DATE: 2001-06-15

NUMBER OF SEQ ID NOS: 334

SOFTWARE: PatentIn version 3.0

SEQ ID NO 305

LENGTH: 30

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic

US-09-882-945A-305

Query Match 1.0%; Score 13; DB 1; Length 30;

Best Local Similarity 76.2%; Pred. No. 4.8e+02;

Matches 16; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 1444 CTGGTTGAAACTTGTTATTA 1464

Db 1 CTGATTGAAATTATCTAATA 21

RESULT 208

US-09-823-847-35

Sequence 35, Application US/09823847

Patent No. US20020137905A1

GENERAL INFORMATION:
APPLICANT: THE SCRIPPS RESEARCH INSTITUTES
APPLICANT: SIMS, Peter
APPLICANT: SILVERMAN, Robert
APPLICANT: WIEDMER, Therese
TITLE OF INVENTION: PHOSPHOLIPID SCRAMBLASES AND METHODS OF USE THEREOF
FILE REFERENCE: SCRIPI220-1
CURRENT APPLICATION NUMBER: US/09/823,847
PRIOR FILING DATE: 2001-03-30
PRIOR APPLICATION NUMBER: US 60/193,939
PRIOR FILING DATE: 2000-03-31
NUMBER OF SEQ ID NOS: 45
SOFTWARE: Patent in version 3.0
SEQ ID NO 35
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Human Scramblase Splice acceptor site 5
US-09-823-847-35

Query Match 1.0%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

2y 1196 GTTTTAGCTTAACA 1211
db 1 GTTTTAGCTTTAACA 16

RESULT 209
US-10-182-230-187
Sequence 187, Application US/10182230
Publication No. US20030215817A1
GENERAL INFORMATION:
APPLICANT: Leonardi, Amedeo
APPLICANT: Sartani, Abraham
APPLICANT: Glass, James R.
APPLICANT: Sutcliffe, J. Gregor
APPLICANT: Hasel, Karl W.
TITLE OF INVENTION: Modulation of Gene Expression in Formation of Fatty Atherosclerosis
FILE REFERENCE: 216019-143
CURRENT APPLICATION NUMBER: US/10/182.230
PRIOR FILING DATE: 2003-02-03
PRIOR APPLICATION NUMBER: 60/177,963
PRIOR FILING DATE: 2000-01-25
NUMBER OF SEQ ID NOS: 197
SOFTWARE: Patent in version 3.1
SEQ ID NO 187
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: RT-PCR 5' PCR primer for RECL
US-10-182-230-187

Query Match 1.0%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 897 GTGCCTTGCTTCTCC 912
DB 1 GGGCCTTGCTTCTCC 16

RESULT 210
US-10-287-919-2269/c
Sequence 2269, Application US/10287919
Publication No. US20030085830A1
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.

GENERAL INFORMATION:
APPLICANT: Methanococcus jannaschii complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/287,919
CURRENT FILING DATE: 2002-11-05
NUMBER OF SEQ ID NOS: 2706
SOFTWARE: Proprietary
SEQ ID NO 2269
LENGTH: 16
TYPE: DNA
ORGANISM: Methanococcus jannaschii complete genome.
FEATURE:
LOCATION: (1400177)...(1400192)
OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 289
US-10-287-919-2269

Query Match 1.0%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1060 TTAAGCATCAATATT 1075
DB 16 TTATGCATTAAATATT 1

RESULT 211

US-10-287-919-2308/c
Sequence 2308, Application US/10287919
Publication No. US20030085830A1
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Methanococcus jannaschii complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/287,919
CURRENT FILING DATE: 2002-11-05
NUMBER OF SEQ ID NOS: 2706
SOFTWARE: Proprietary
SEQ ID NO 2308
LENGTH: 16
TYPE: DNA
ORGANISM: Methanococcus jannaschii complete genome.
FEATURE:
LOCATION: (1435633)...(1435648)
OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 295
US-10-287-919-2308

Query Match 1.0%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1060 TTAAGCATCAATATT 1075
DB 16 TTATGCATTAAATATT 1

RESULT 212

US-09-730-289B-125/c
Sequence 125, Application US/09730289B
Publication No. US20030050259A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwigen, Jim
TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
FILE REFERENCE: WERB00-864-A (400/006)
CURRENT APPLICATION NUMBER: US/09/730,289B
CURRENT FILING DATE: 2000-12-05
PRIOR APPLICATION NUMBER: US 60/169,100
PRIOR FILING DATE: 1999-12-06
NUMBER OF SEQ ID NOS: 3897
SOFTWARE: Patent in version 3.0
SEQ ID NO 125
LENGTH: 17
TYPE: RNA


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; CURRENT APPLICATION NUMBER: US/09/730,289B
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/169,100
; PRIOR FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 3897
; SOFTWARE: Patent version 3.0
; SEQ ID NO 899
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
IS-09-730-289B-899

Query Match      1.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

ZY 1293 TCTGAAATTTTAATG 1308
      ||||| ||||| ||
      16 TCTGAGCTTTTAAGTG 1

RESULT 218
US-09-818-875-759/c
; Sequence 759, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 759
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-759

Query Match      1.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 524 AATTGCAATTCAGTA 539
      ||||| ||||| ||
      16 AATTGCAATTCAGTA 1

RESULT 219
US-09-818-875-760
; Sequence 760, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176

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; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 760
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-760

Query Match      1.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 524 AATTGCAATTCAGTA 539
      ||||| ||||| ||
      2 AATTGCAATTCAGTA 17

Db

RESULT 220
US-09-818-875-1459/c
; Sequence 1459, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1459
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-1459

Query Match      1.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1577 TCTGATGTATGAAA 1592
      ||||| ||||| ||
      16 TCTGTTGTAGGAAA 1

Db

RESULT 221
US-09-818-875-1460
; Sequence 1460, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4

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CURRENT APPLICATION NUMBER: US/09/818,875
 CURRENT FILING DATE: 2001-03-27
 PRIOR APPLICATION NUMBER: US 60/192,176
 PRIOR FILING DATE: 2000-03-27
 PRIOR APPLICATION NUMBER: US 60/192,179
 PRIOR FILING DATE: 2000-03-27
 PRIOR APPLICATION NUMBER: US 60/208,538
 PRIOR FILING DATE: 2000-06-01
 PRIOR APPLICATION NUMBER: US 60/244,989
 PRIOR FILING DATE: 2000-10-30
 NUMBER OF SEQ ID NOS: 4385
 SOFTWARE: Friedman macro Napro4
 SEQ ID NO 1460
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 S-09-818-875-1460

Query Match 1.0%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 3.7e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 1577 TCTGATTGTATGAAA 1592
 |||||
 b 2 TCTGTTTGTAAAGAAA 17

RESULT 222
 S-09-780-533A-430
 Sequence 430, Application US/09780533A
 Publication No. US20030060611A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Blatt, Larry
 APPLICANT: McSwiggen, Jim
 APPLICANT: Chowrira, Bharat
 APPLICANT: Haerberli, Pete
 TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
 FILE REFERENCE: MBH800,878-A (400/011)
 CURRENT APPLICATION NUMBER: US/09/780,533A
 CURRENT FILING DATE: 2001-02-09
 PRIOR APPLICATION NUMBER: US 60/181,797
 PRIOR FILING DATE: 2000-02-11
 NUMBER OF SEQ ID NOS: 6679
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 430
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 S-09-780-533A-430

Query Match 1.0%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 37.5%; Pred. No. 3.7e+02;
 Matches 6; Conservative 8; Mismatches 2; Indels 0; Gaps 0;

Y 909 CTCCTTTATTCTTAAG 924
 |:::|
 b 2 CUUAUUUUUUCUAG 17

RESULT 223
 S-09-780-533A-457/c
 Sequence 457, Application US/09780533A
 Publication No. US20030060611A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Blatt, Larry
 APPLICANT: McSwiggen, Jim
 APPLICANT: Chowrira, Bharat
 APPLICANT: Haerberli, Pete
 TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
 FILE REFERENCE: MBH800,878-A (400/011)
 CURRENT APPLICATION NUMBER: US/09/780,533A

CURRENT FILING DATE: 2001-02-09
 PRIOR APPLICATION NUMBER: US 60/181,797
 PRIOR FILING DATE: 2000-02-11
 NUMBER OF SEQ ID NOS: 6679
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 457
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-09-780-533A-457

Query Match 1.0%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 3.7e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1096 TAGAAGATGAATCATT 1111
 |||||
 Db 17 TAGAAAAATGAATCAGT 2

RESULT 224
 US-09-780-533A-1316/c
 Sequence 1316, Application US/09780533A
 Publication No. US20030060611A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Blatt, Larry
 APPLICANT: McSwiggen, Jim
 APPLICANT: Chowrira, Bharat
 APPLICANT: Haerberli, Pete
 TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
 FILE REFERENCE: MBH800,878-A (400/011)
 CURRENT APPLICATION NUMBER: US/09/780,533A
 CURRENT FILING DATE: 2001-02-09
 PRIOR APPLICATION NUMBER: US 60/181,797
 PRIOR FILING DATE: 2000-02-11
 NUMBER OF SEQ ID NOS: 6679
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 1316
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-09-780-533A-1316

Query Match 1.0%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 3.7e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1096 TAGAAGATGAATCATT 1111
 |||||
 Db 16 TAGAAAAATGAATCAGT 1

RESULT 225
 US-09-780-533A-1612
 Sequence 1612, Application US/09780533A
 Publication No. US20030060611A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Blatt, Larry
 APPLICANT: McSwiggen, Jim
 APPLICANT: Chowrira, Bharat
 APPLICANT: Haerberli, Pete
 TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
 FILE REFERENCE: MBH800,878-A (400/011)
 CURRENT APPLICATION NUMBER: US/09/780,533A
 CURRENT FILING DATE: 2001-02-09
 PRIOR APPLICATION NUMBER: US 60/181,797
 PRIOR FILING DATE: 2000-02-11
 NUMBER OF SEQ ID NOS: 6679
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 1612
 LENGTH: 17

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; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-780-533A-1612

Query Match      1.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 3.7e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 429 ATGCCAGTGAACATC 444
   |||||:|||||:|:|
Db 1 AUGUCAGUGAGAGCUUC 16

RESULT 226
; Sequence 2193, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haeblerli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: M8B00-878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2193
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-780-533A-2193

Query Match      1.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1276 AAGTACATTATGTTT 1291
   |||||:|||||:|:|
Db 16 AAGTCCATTTTGTTT 1

RESULT 227
; Sequence 45, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: M8B00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 720
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
; US-09-877-478-720

Query Match      1.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 43.8%; Pred. No. 3.7e+02;
Matches 7; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY 1433 GTAATTCTTGCTGGT 1448
   ||:||||:|||||
Db 1 GURCUUUCUGCUGGU 16

RESULT 229
; Sequence 1643, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
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; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 45
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
; US-09-877-478-45

Query Match      1.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 43.8%; Pred. No. 3.7e+02;
Matches 7; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY 1433 GTAATTCTTGCTGGT 1448
   ||:||||:|||||
Db 2 GUACUUUCUGCUGGU 17

RESULT 228
; Sequence 720, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: M8B00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 720
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
; US-09-877-478-720

Query Match      1.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 43.8%; Pred. No. 3.7e+02;
Matches 7; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY 1433 GTAATTCTTGCTGGT 1448
   ||:||||:|||||
Db 1 GURCUUUCUGCUGGU 16

RESULT 229
; Sequence 1643, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
```

APPLICANT: Draper, Kenneth
 APPLICANT: Blatt, Larry
 APPLICANT: McSwiggen, Jim
 APPLICANT: Morrissey, Dave
 TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
 FILE REFERENCE: MBH00-845-H (400/029)
 CURRENT APPLICATION NUMBER: US/09/877,478
 PRIOR FILING DATE: 2001-12-31
 PRIOR APPLICATION NUMBER: US 07/882,712
 PRIOR FILING DATE: 1992-05-14
 PRIOR APPLICATION NUMBER: US 09/531,025
 PRIOR FILING DATE: 2000-03-20
 PRIOR APPLICATION NUMBER: US 09/636,385
 PRIOR FILING DATE: 2000-08-09
 PRIOR APPLICATION NUMBER: US 09/696,347
 PRIOR FILING DATE: 2000-10-24
 PRIOR APPLICATION NUMBER: US 08/193,627
 PRIOR FILING DATE: 1994-02-07
 PRIOR APPLICATION NUMBER: US 08/433,993
 PRIOR FILING DATE: 1995-05-04
 PRIOR APPLICATION NUMBER: US 08/434,504
 PRIOR FILING DATE: 1995-05-04
 PRIOR APPLICATION NUMBER: US 09/436,430
 PRIOR FILING DATE: 1999-11-08
 NUMBER OF SEQ ID NOS: 6586
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 1643
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Hepatitis B virus
 3-09-877-478-1643
 Query Match 1.0%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 3.7e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 617 CAAGAAACACCAATA 632
 |||||
 16 CAAGAGACACCAATA 1
 RESULT 230
 3-09-877-478-2041/c
 Sequence 2041, Application US/09877478
 Publication No. US20030068301A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Draper, Kenneth
 APPLICANT: Blatt, Larry
 APPLICANT: McSwiggen, Jim
 APPLICANT: Morrissey, Dave
 TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
 FILE REFERENCE: MBH00-845-H (400/029)
 CURRENT APPLICATION NUMBER: US/09/877,478
 PRIOR FILING DATE: 2001-12-31
 PRIOR APPLICATION NUMBER: US 07/882,712
 PRIOR FILING DATE: 1992-05-14
 PRIOR APPLICATION NUMBER: US 09/531,025
 PRIOR FILING DATE: 2000-03-20
 PRIOR APPLICATION NUMBER: US 09/636,385
 PRIOR FILING DATE: 2000-08-09
 PRIOR APPLICATION NUMBER: US 09/696,347
 PRIOR FILING DATE: 2000-10-24
 PRIOR APPLICATION NUMBER: US 08/193,627
 PRIOR FILING DATE: 1994-02-07
 PRIOR APPLICATION NUMBER: US 08/433,993
 PRIOR FILING DATE: 1995-05-04
 PRIOR APPLICATION NUMBER: US 08/434,504
 PRIOR FILING DATE: 1995-05-04
 PRIOR APPLICATION NUMBER: US 09/436,430
 PRIOR FILING DATE: 1999-11-08
 NUMBER OF SEQ ID NOS: 6586
 SOFTWARE: PatentIn version 3.0

; SEQ ID NO 2041
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Hepatitis B virus
 US-09-877-478-2041
 Query Match 1.0%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 3.7e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 1556 CTCCAAATTTTATTA 1571
 |||||
 16 CTCCAAATTTTATTA 1
 RESULT 231
 US-09-877-478-2385/c
 Sequence 2385, Application US/09877478
 Publication No. US20030068301A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Draper, Kenneth
 APPLICANT: Blatt, Larry
 APPLICANT: McSwiggen, Jim
 APPLICANT: Morrissey, Dave
 TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
 FILE REFERENCE: MBH00-845-H (400/029)
 CURRENT APPLICATION NUMBER: US/09/877,478
 PRIOR FILING DATE: 2001-12-31
 PRIOR APPLICATION NUMBER: US 07/882,712
 PRIOR FILING DATE: 1992-05-14
 PRIOR APPLICATION NUMBER: US 09/531,025
 PRIOR FILING DATE: 2000-03-20
 PRIOR APPLICATION NUMBER: US 09/636,385
 PRIOR FILING DATE: 2000-08-09
 PRIOR APPLICATION NUMBER: US 09/696,347
 PRIOR FILING DATE: 2000-10-24
 PRIOR APPLICATION NUMBER: US 08/193,627
 PRIOR FILING DATE: 1994-02-07
 PRIOR APPLICATION NUMBER: US 08/433,993
 PRIOR FILING DATE: 1995-05-04
 PRIOR APPLICATION NUMBER: US 08/434,504
 PRIOR FILING DATE: 1995-05-04
 PRIOR APPLICATION NUMBER: US 09/436,430
 PRIOR FILING DATE: 1999-11-08
 NUMBER OF SEQ ID NOS: 6586
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 2385
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Hepatitis B virus
 US-09-877-478-2385
 Query Match 1.0%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 3.7e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 1557 TCCAAATTTTATTA 1572
 |||||
 17 TCCAAATTTTATTA 2
 RESULT 232
 US-09-740-332-1258/c
 Sequence 1258, Application US/09740332
 Publication No. US20030125270A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals Inc.
 TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
 FILE REFERENCE: RPI 400/003
 CURRENT APPLICATION NUMBER: US/09/740,332
 CURRENT FILING DATE: 2001-03-26

```
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1258
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-1258

Query Match      1.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      893 CACTGTGCTTGGTTT 908
Db      17 CACTGTGCTTGGTAT 2

RESULT 233
US-09-740-332-3297
; Sequence 3297, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3297
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-3297

Query Match      1.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 3.7e+02;
Matches 8; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY      893 CACTGTGCTTGGTTT 908
Db      2 CACUGUGGCTUGGUAT 17

RESULT 234
US-10-238-700-320
; Sequence 320, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Leve
; FILE REFERENCE: 400/057 (MHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4566
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 320
; LENGTH: 17
; TYPE: RNA

Query Match      1.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1392 TTAGAACTATTAAAC 1407
Db      16 CAAATAATCTTTTAAAT 1

RESULT 235
US-10-238-700-377/c
; Sequence 377, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Leve
; FILE REFERENCE: 400/057 (MHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4566
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 377
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-377

Query Match      1.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      627 CAAATAATCTTTTAAAT 642
Db      16 CAAATAATCTTTTAAAT 1

RESULT 236
US-10-238-700-583/c
; Sequence 583, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Leve
; FILE REFERENCE: 400/057 (MHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4566
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 583
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-583

Query Match      1.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1392 TTAGAACTATTAAAC 1407
Db      16 CAAATAATCTTTTAAAT 1
```

16 TTACAGTATTAAAAAC 1

RESULT 237

Sequence 666, Application US/10238700

Publication No. US20030153521A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: McSwiggen, James

TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level

FILE REFERENCE: 400/057 (MEHB01-1158-A)

CURRENT APPLICATION NUMBER: US/10/238,700

PRIOR FILING DATE: 2002-09-18

PRIOR APPLICATION NUMBER: PCT/US 02/16840

PRIOR FILING DATE: 2002-05-29

PRIOR APPLICATION NUMBER: US 60/318,471

PRIOR FILING DATE: 2001-09-10

NUMBER OF SEQ ID NOS: 4666

SOFTWARE: PatentIn version 3.0

SEQ ID NO 666

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-10-238-700-666

Query Match 1.0%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 3.7e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

593 TAAAGTATTATTATT 608

|||||

16 TAAAGTATTATTATT 1

RESULT 238

US-10-238-700-845

Sequence 845, Application US/10238700

Publication No. US20030153521A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: McSwiggen, James

TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level

FILE REFERENCE: 400/057 (MEHB01-1158-A)

CURRENT APPLICATION NUMBER: US/10/238,700

CURRENT FILING DATE: 2002-09-18

PRIOR APPLICATION NUMBER: PCT/US 02/16840

PRIOR FILING DATE: 2002-05-29

PRIOR APPLICATION NUMBER: US 60/318,471

PRIOR FILING DATE: 2001-09-10

NUMBER OF SEQ ID NOS: 4666

SOFTWARE: PatentIn version 3.0

SEQ ID NO 845

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-10-238-700-845

Query Match 1.0%; Score 12.8; DB 1; Length 17;

Best Local Similarity 50.0%; Pred. No. 3.7e+02;

Matches 8; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

540 AACAAAGTATTATT 555

|||||

1 AAAAUAUAUAGUUU 16

RESULT 239

US-10-238-700-1166

Sequence 1166, Application US/10238700

Publication No. US20030153521A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: McSwiggen, James
TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
FILE REFERENCE: 400/057 (MEHB01-1158-A)
CURRENT APPLICATION NUMBER: US/10/238,700
CURRENT FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: PCT/US 02/16840
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/318,471
PRIOR FILING DATE: 2001-09-10
NUMBER OF SEQ ID NOS: 4666
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1166
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-238-700-1166

Query Match 1.0%; Score 12.8; DB 1; Length 17;

Best Local Similarity 52.5%; Pred. No. 3.7e+02;

Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1604 ATATGAACATTTAAA 1619

|||||

2 AUAUCAAAUAUAAAA 17

RESULT 240

US-10-238-700-1210

Sequence 1210, Application US/10238700

Publication No. US20030153521A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: McSwiggen, James

TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level

FILE REFERENCE: 400/057 (MEHB01-1158-A)

CURRENT APPLICATION NUMBER: US/10/238,700

CURRENT FILING DATE: 2002-09-18

PRIOR APPLICATION NUMBER: PCT/US 02/16840

PRIOR FILING DATE: 2002-05-29

PRIOR APPLICATION NUMBER: US 60/318,471

PRIOR FILING DATE: 2001-09-10

NUMBER OF SEQ ID NOS: 4666

SOFTWARE: PatentIn version 3.0

SEQ ID NO 1210

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-10-238-700-1210

Query Match 1.0%; Score 12.8; DB 1; Length 17;

Best Local Similarity 43.8%; Pred. No. 3.7e+02;

Matches 7; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY 1051 TGTATTTATTATAGCA 1066

|||||

2 UGAUAUAUUAUAGCA 17

RESULT 241

US-10-238-700-1261/c

Sequence 1261, Application US/10238700

Publication No. US20030153521A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: McSwiggen, James

TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level

FILE REFERENCE: 400/057 (MEHB01-1158-A)

CURRENT APPLICATION NUMBER: US/10/238,700

CURRENT FILING DATE: 2002-09-18

PRIOR APPLICATION NUMBER: PCT/US 02/16840

PRIOR FILING DATE: 2002-05-29

PRIOR APPLICATION NUMBER: US 60/318,471

PRIOR FILING DATE: 2001-09-10

NUMBER OF SEQ ID NOS: 4666
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 1261
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-10-238-700-1261

Query Match 1.0%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 3.7e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

796 TTTTGGCATAAAGTCA 811
 17 TTTTGTCTAATAGGCA 2

RESULT 242

US-10-238-700-1267
 Sequence 1267, Application US/10238700
 Publication No. US20030153521A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: McSwiggen, James
 TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
 FILE REFERENCE: 400/057 (MHB01-1158-A)
 CURRENT APPLICATION NUMBER: US/10/238,700
 CURRENT FILING DATE: 2002-09-18
 PRIOR APPLICATION NUMBER: PCT/US 02/16840
 PRIOR FILING DATE: 2002-05-29
 PRIOR APPLICATION NUMBER: US 60/318,471
 PRIOR FILING DATE: 2001-09-10
 NUMBER OF SEQ ID NOS: 4666
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 1267
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-10-238-700-1267

Query Match 1.0%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 43.8%; Pred. No. 3.7e+02;
 Matches 7; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

1002 ATACATCAATATT 1017
 1 AUAACAUAUAUUAU 16

RESULT 243

US-10-238-700-1315
 Sequence 1315, Application US/10238700
 Publication No. US20030153521A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: McSwiggen, James
 TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
 FILE REFERENCE: 400/057 (MHB01-1158-A)
 CURRENT APPLICATION NUMBER: US/10/238,700
 CURRENT FILING DATE: 2002-09-18
 PRIOR APPLICATION NUMBER: PCT/US 02/16840
 PRIOR FILING DATE: 2002-05-29
 PRIOR APPLICATION NUMBER: US 60/318,471
 PRIOR FILING DATE: 2001-09-10
 NUMBER OF SEQ ID NOS: 4666
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 1315
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-10-238-700-1315

Query Match 1.0%; Score 12.8; DB 1; Length 17;

Best Local Similarity 25.0%; Pred. No. 3.7e+02;
 Matches 4; Conservative 10; Mismatches 2; Indels 0; Gaps 0;
 QY 598 TATTATTATTGAT 613
 DB 1 UAUUAUAUAUUAU 16

RESULT 244

US-10-238-700-3054
 Sequence 3054, Application US/10238700
 Publication No. US20030153521A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: McSwiggen, James
 TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
 FILE REFERENCE: 400/057 (MHB01-1158-A)
 CURRENT APPLICATION NUMBER: US/10/238,700
 CURRENT FILING DATE: 2002-09-18
 PRIOR APPLICATION NUMBER: PCT/US 02/16840
 PRIOR FILING DATE: 2002-05-29
 PRIOR APPLICATION NUMBER: US 60/318,471
 PRIOR FILING DATE: 2001-09-10
 NUMBER OF SEQ ID NOS: 4666
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 3054
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-10-238-700-3054

Query Match 1.0%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 62.5%; Pred. No. 3.7e+02;
 Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

818 GCTGGAAATCCTGGAT 833
 2 GUUGGACAUCCUGGAU 17

RESULT 245

US-10-061-201-862/c
 Sequence 862, Application US/10061201
 Publication No. US20030166229A1

GENERAL INFORMATION:

APPLICANT: Shannon, Mark
 TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
 FILE REFERENCE: PB0178
 CURRENT APPLICATION NUMBER: US/10/061,201
 CURRENT FILING DATE: 2002-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00658
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00670
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: US 09/864,761
 PRIOR FILING DATE: 2001-05-23
 PRIOR APPLICATION NUMBER: US 60/328,205
 PRIOR FILING DATE: 2001-10-10
 NUMBER OF SEQ ID NOS: 4162
 SOFTWARE: Acomica Sequence Listing Engine
 SEQ ID NO 862


```

; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 759
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-759

Query Match 1.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. NO. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 524 AATTGCAATTCAGTA 539
DB 16 AATTGCAATTCAGTA 1

RESULT 253
US-10-209-787-760
; Sequence 760, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 760
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-760

Query Match 1.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. NO. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 524 AATTGCAATTCAGTA 539
DB 2 AATTGCAATTCAGTA 17

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RESULT 254
S-10-209-787-1459/c
Sequence 1459, Application US/10209787
Publication No. US20030217377A1
GENERAL INFORMATION:
APPLICANT: Kniec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/10/209,787
CURRENT FILING DATE: 2002-07-30
PRIOR APPLICATION NUMBER: US 09/818,875
PRIOR FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 1459
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
S-10-209-787-1459

Query Match      1.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 1577 TCTGATTGTATGAAA 1592
      |||||
      16 TCTGTTGTAAAGAAA 1
      |||||

RESULT 255
S-10-209-787-1460
Sequence 1460, Application US/10209787
Publication No. US20030217377A1
GENERAL INFORMATION:
APPLICANT: Kniec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/10/209,787
CURRENT FILING DATE: 2002-07-30
PRIOR APPLICATION NUMBER: US 09/818,875
PRIOR FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 1460
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
S-10-209-787-1460

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Query Match      1.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1577 TCTGATTGTATGAAA 1592
      |||||
      2 TCTGTTGTAAAGAAA 17
      |||||

RESULT 256
US-10-060-756A-1929/c
Sequence 1929, Application US/10060756A
Publication No. US20030046717A1
GENERAL INFORMATION:
APPLICANT: Zhang, Jian
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
FILE REFERENCE: PB0177
CURRENT APPLICATION NUMBER: US/10/060,756A
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/327,898
PRIOR FILING DATE: 2001-10-09
NUMBER OF SEQ ID NOS: 4804
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 1929
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-060-756A-1929

Query Match      1.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1457 GTTATTATGTACAAA 1472
      |||||
      17 GCTTATGATGACAAA 2
      |||||

RESULT 257
US-10-060-756A-1931/c
Sequence 1931, Application US/10060756A
Publication No. US20030046717A1
GENERAL INFORMATION:
APPLICANT: Zhang, Jian
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
FILE REFERENCE: PB0177
CURRENT APPLICATION NUMBER: US/10/060,756A
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663

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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/327,898
PRIOR FILING DATE: 2001-10-09
NUMBER OF SEQ ID NOS: 4804
SOFTWARE: Aeonica Sequence Listing Engine
SEQ ID NO 1931
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
S-10-060-756A-1931

Query Match 1.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

y 1456 TGTTTATTGATCAAA 1471
b 16 TGCTTATGATGATCAAA 1

RESULT 258
S-10-060-756A-4322
Sequence 4322, Application US/10060756A
Publication No. US20030046717A1
GENERAL INFORMATION:
APPLICANT: Zhang, Jian
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
FILE REFERENCE: PB0177
CURRENT APPLICATION NUMBER: US/10/060,756A
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/327,898
PRIOR FILING DATE: 2001-10-09
NUMBER OF SEQ ID NOS: 4804
SOFTWARE: Aeonica Sequence Listing Engine
SEQ ID NO 4322
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
S-10-060-756A-4322

Query Match 1.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

y 603 TTTATTGATCTACA 618
b 2 TTTATTGATATCA 17

RESULT 259
S-10-060-756A-4323
Sequence 4323, Application US/10060756A
Publication No. US20030046717A1
GENERAL INFORMATION:
APPLICANT: Zhang, Jian
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
FILE REFERENCE: PB0177

Query Match 1.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

y 603 TTTATTGATCTACA 618
b 2 TTTATTGATATCA 17

RESULT 260
S-10-060-756A-4324
Sequence 4324, Application US/10287919
Publication No. US20030085830A1
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Methanococcus jannaschii complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333

Query Match 1.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

y 1523 TATATTTTAACTTCA 1538
b 17 TATATTTTAACTTCA 2

RESULT 261
S-10-060-756A-4325
Sequence 2640, Application US/10287919
Publication No. US20030085830A1
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Methanococcus jannaschii complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333

CURRENT APPLICATION NUMBER: US/10/060,756A
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/327,898
PRIOR FILING DATE: 2001-10-09
NUMBER OF SEQ ID NOS: 4804
SOFTWARE: Aeonica Sequence Listing Engine
SEQ ID NO 4323
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-060-756A-4323

Query Match 1.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 603 TTTATTGATCTACA 618
Db 1 TTTATTGATATCA 16

RESULT 260
US-10-287-919-616/c
Sequence 616, Application US/10287919
Publication No. US20030085830A1
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Methanococcus jannaschii complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/287,919
CURRENT FILING DATE: 2002-11-05
NUMBER OF SEQ ID NOS: 2706
SOFTWARE: Proprietary
SEQ ID NO 616
LENGTH: 17
TYPE: DNA
ORGANISM: Methanococcus jannaschii complete genome.
FEATURE:
LOCATION: (201056)...(201071)
OTHER INFORMATION: Chromosome = 1 Strand = positive
US-10-287-919-616

Query Match 1.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1523 TATATTTTAACTTCA 1538
Db 17 TATATTTTAACTTCA 2

RESULT 261
US-10-287-919-2640/c
Sequence 2640, Application US/10287919
Publication No. US20030085830A1
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Methanococcus jannaschii complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333

Query Match 1.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1523 TATATTTTAACTTCA 1538
Db 17 TATATTTTAACTTCA 2

RESULT 262
US-10-287-919-2640/c
Sequence 2640, Application US/10287919
Publication No. US20030085830A1
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Methanococcus jannaschii complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333

Query Match 1.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CURRENT APPLICATION NUMBER: US/10/287,919
CURRENT FILING DATE: 2002-11-05
NUMBER OF SEQ ID NOS: 2706
SOFTWARE: Proprietary
SEQ ID NO 2640
LENGTH: 17

TYPE: DNA
ORGANISM: Methanococcus jannaschii complete genome.

FEATURE:
LOCATION: (1605596)...(1605613)
OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 3366
S-10-287-919-2640

Query Match 1.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 1523 TATATTTTAACTTAA 1538
|||||
b 17 TATATTTTAACTTCA 2

RESULT 262

S-10-156-306-459
Sequence 459, Application US/10156306
Publication No. US20030119017A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: McSwiggen, James

TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
TITLE OF INVENTION: Levels of IKK-Gamma and PKR

FILE REFERENCE: MEH01-664-A (400/050)

CURRENT APPLICATION NUMBER: US/10/156,306

CURRENT FILING DATE: 2002-05-28

NUMBER OF SEQ ID NOS: 8013

SOFTWARE: PatentIn version 3.0

SEQ ID NO 459

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

S-10-156-306-459

Query Match 1.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 18.8%; Pred. No. 3.7e+02;
Matches 3; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

Y 1563 TTTTCTTCTCTTC 1578
:::|:::|
b 2 UUUUUUUUAUGGUUC 17

RESULT 263

S-10-156-306-460
Sequence 460, Application US/10156306
Publication No. US20030119017A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: McSwiggen, James

TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
TITLE OF INVENTION: Levels of IKK-Gamma and PKR

FILE REFERENCE: MEH01-664-A (400/050)

CURRENT APPLICATION NUMBER: US/10/156,306

CURRENT FILING DATE: 2002-05-28

NUMBER OF SEQ ID NOS: 8013

SOFTWARE: PatentIn version 3.0

SEQ ID NO 460

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

S-10-156-306-460

Query Match 1.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 18.8%; Pred. No. 3.7e+02;

Matches 3; Conservative 11; Mismatches 2; Indels 0; Gaps 0;
QY 1563 TTTTCTTCTCTTC 1578
:::|:::|
DB 1 UUUUUUUUAUGGUUC 16

RESULT 264

US-10-156-306-1283/c
Sequence 1283, Application US/10156306
Publication No. US20030119017A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: McSwiggen, James

TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
TITLE OF INVENTION: Levels of IKK-Gamma and PKR

FILE REFERENCE: MEH01-664-A (400/050)

CURRENT APPLICATION NUMBER: US/10/156,306

CURRENT FILING DATE: 2002-05-28

NUMBER OF SEQ ID NOS: 8013

SOFTWARE: PatentIn version 3.0

SEQ ID NO 1283

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-10-156-306-1283

Query Match 1.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1535 TTTAAGATCTTTTAT 1550
|||||
DB 16 TTTAGGATCTTCTAT 1

RESULT 265

US-10-156-306-2702/c
Sequence 2702, Application US/10156306
Publication No. US20030119017A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: McSwiggen, James

TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
TITLE OF INVENTION: Levels of IKK-Gamma and PKR

FILE REFERENCE: MEH01-664-A (400/050)

CURRENT APPLICATION NUMBER: US/10/156,306

CURRENT FILING DATE: 2002-05-28

NUMBER OF SEQ ID NOS: 8013

SOFTWARE: PatentIn version 3.0

SEQ ID NO 2702

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-10-156-306-2702

Query Match 1.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1536 TTAAGATCTTTTATG 1551
|||||
DB 17 TTAGGATCTTCTATG 2

RESULT 266

US-10-260-451-2
Sequence 2, Application US/10260451
Publication No. US20030124096A1

GENERAL INFORMATION:

APPLICANT: LOCARNINI, STEPHEN A

APPLICANT: BARTHOLOMEUSZ, ANGELINE I

APPLICANT: AVE, THEIN T

APPLICANT: DEMAN, ROBERT A
TITLE OF INVENTION: VIRAL VARIANTS AND METHODS FOR DETECTING SAME
FILE REFERENCE: 2551-28
CURRENT APPLICATION NUMBER: US/10/260,451
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US/09/306,420
PRIOR FILING DATE: 1999-05-06
PRIOR APPLICATION NUMBER: PCT/AU97/00520
PRIOR FILING DATE: 1997-08-15
PRIOR APPLICATION NUMBER: P03519
PRIOR FILING DATE: 1996-11-08
NUMBER OF SEQ ID NOS: 57
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2
LENGTH: 17
TYPE: DNA
ORGANISM: Hepatitis B virus
US-10-260-451-2

Query Match 1.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

2Y 1556 CTCACAAATTTTCTTA 1571
|||||
2 CTCACAAATTTTCTTA 17

RESULT 267
US-10-260-451-4
Sequence 4, Application US/10260451
Publication No. US20030124096A1
GENERAL INFORMATION:
APPLICANT: LOCARNINI, STEPHEN A
APPLICANT: BARTHOLOMEUS, ANGELINE I
APPLICANT: AYE, THEIN T
APPLICANT: DEMAN, ROBERT A
TITLE OF INVENTION: VIRAL VARIANTS AND METHODS FOR DETECTING SAME
FILE REFERENCE: 2551-28
CURRENT APPLICATION NUMBER: US/10/260,451
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US/09/306,420
PRIOR FILING DATE: 1999-05-06
PRIOR APPLICATION NUMBER: PCT/AU97/00520
PRIOR FILING DATE: 1997-08-15
PRIOR APPLICATION NUMBER: P03519
PRIOR FILING DATE: 1996-11-08
NUMBER OF SEQ ID NOS: 57
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 4
LENGTH: 17
TYPE: DNA
ORGANISM: Hepatitis B virus
US-10-260-451-4

Query Match 1.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

2Y 1556 CTCACAAATTTTCTTA 1571
|||||
2 CTCACAAATTTTCTTA 17

RESULT 268
US-09-969-373-2022
Sequence 2022, Application US/09969373
Patent No. US20020133852A1
GENERAL INFORMATION:
APPLICANT: Effertz, Roger J.
APPLICANT: Haug, Brian M.
TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
FILE REFERENCE: 38-10(52679)A

CURRENT APPLICATION NUMBER: US/09/969,373
CURRENT FILING DATE: 2001-10-02
PRIOR APPLICATION NUMBER: US 09/754,853
PRIOR FILING DATE: 2001-01-05
PRIOR APPLICATION NUMBER: US 09/760,427
PRIOR FILING DATE: 2001-01-13
PRIOR APPLICATION NUMBER: US 09/855,768
PRIOR FILING DATE: 2001-05-15
NUMBER OF SEQ ID NOS: 4593
SEQ ID NO 2022
LENGTH: 18
TYPE: DNA
ORGANISM: Glycine max
US-09-969-373-2022

Query Match 1.0%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 760 ATTGAAGCATCATCAT 775
|||||
2 AATTGAAGCACCACAT 17

RESULT 269
US-09-969-373-3651/C
Sequence 3651, Application US/09969373
Patent No. US20020133852A1
GENERAL INFORMATION:
APPLICANT: Effertz, Roger J.
APPLICANT: Haug, Brian M.
TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
FILE REFERENCE: 38-10(52679)A
CURRENT APPLICATION NUMBER: US/09/969,373
CURRENT FILING DATE: 2001-10-02
PRIOR APPLICATION NUMBER: US 09/754,853
PRIOR FILING DATE: 2001-01-05
PRIOR APPLICATION NUMBER: US 09/760,427
PRIOR FILING DATE: 2001-01-13
PRIOR APPLICATION NUMBER: US 09/855,768
PRIOR FILING DATE: 2001-05-15
NUMBER OF SEQ ID NOS: 4593
SEQ ID NO 3651
LENGTH: 18
TYPE: DNA
ORGANISM: Glycine max
US-09-969-373-3651

Query Match 1.0%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 896 TGTGCTTGTTCTTC 911
|||||
16 TGTGCTTGTTCTTC 1

RESULT 270
US-09-969-373-4320
Sequence 4320, Application US/09969373
Patent No. US20020133852A1
GENERAL INFORMATION:
APPLICANT: Effertz, Roger J.
APPLICANT: Haug, Brian M.
TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
FILE REFERENCE: 38-10(52679)A
CURRENT APPLICATION NUMBER: US/09/969,373
CURRENT FILING DATE: 2001-10-02
PRIOR APPLICATION NUMBER: US 09/754,853
PRIOR FILING DATE: 2001-01-05
PRIOR APPLICATION NUMBER: US 09/760,427
PRIOR FILING DATE: 2001-01-13
PRIOR APPLICATION NUMBER: US 09/855,768

PRIOR FILING DATE: 2001-05-15
NUMBER OF SEQ ID NOS: 4593
SEQ ID NO 4320
LENGTH: 18
TYPE: DNA
ORGANISM: Glycine max
3-09-969-373-4320

Query Match 1.0%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

894 ACTGTCCTTGGTTTC 909
1 AATGTCCTTGGTTTC 16

RESULT 271

3-10-388-263-156/C

Sequence 156, Application US/10388263

Publication No. US20030228597A1

GENERAL INFORMATION:

APPLICANT: Cowsett, Lex M.
APPLICANT: Baker, Brenda F.
APPLICANT: McNeil, John
APPLICANT: Preter, Susan M.
APPLICANT: Sasmor, Henri M.
APPLICANT: Brooks, Douglas G.
APPLICANT: Ohashi, Cara
APPLICANT: Wyatt, Jacqueline R.
APPLICANT: Borchers, Alexander
APPLICANT: Vickers, Timothy A.
TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
FILE REFERENCE: ISIS-4503
CURRENT APPLICATION NUMBER: US/10/388,263
CURRENT FILING DATE: 2003-03-12
NUMBER OF SEQ ID NOS: 947
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 156
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide

3-10-388-263-156

Query Match 1.0%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

827 CTTGCAATTTTTCNG 842
18 CTTGCAATTTTTCNG 3

RESULT 272

3-10-301-661A-35

Sequence 35, Application US/10301661A

Publication No. US20030157660A1

GENERAL INFORMATION:

APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE-
APPLICANT: INSERM
APPLICANT: ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS
APPLICANT: INSTITUT PASTEUR
APPLICANT: MAULIERE, Philippe
APPLICANT: LOUSSERT-AJAKA, Ibtissam
APPLICANT: SIMON, Francois
APPLICANT: SARAGOSTI, Sentob
APPLICANT: BARRE-SINOUSSTI, Francoise
TITLE OF INVENTION: NON-M NON-O HIV STRAINS, FRAGMENTS AND APPLICATIONS.
FILE REFERENCE: 598US12

CURRENT APPLICATION NUMBER: US/10/301.661A
CURRENT FILING DATE: 2002-11-22
PRIOR APPLICATION NUMBER: US/09/319,588C
PRIOR FILING DATE: 1999-08-27
PRIOR APPLICATION NUMBER: FR96/15087
PRIOR FILING DATE: 1996-12-09
NUMBER OF SEQ ID NOS: 98
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 35
LENGTH: 18
TYPE: DNA
ORGANISM: artificial sequence
FEATURE:
OTHER INFORMATION: primer
US-10-301-661A-35

Query Match 1.0%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 410 TATCCAAGATCAGTG 425

DB 3 TATCCAGGATCAGAG 18

RESULT 273

US-10-301-661A-91

Sequence 91, Application US/10301661A

Publication No. US20030157660A1

GENERAL INFORMATION:

APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE-
APPLICANT: INSERM
APPLICANT: ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS
APPLICANT: INSTITUT PASTEUR
APPLICANT: MAULIERE, Philippe
APPLICANT: LOUSSERT-AJAKA, Ibtissam
APPLICANT: SIMON, Francois
APPLICANT: SARAGOSTI, Sentob
APPLICANT: BARRE-SINOUSSTI, Francoise
TITLE OF INVENTION: NON-M NON-O HIV STRAINS, FRAGMENTS AND APPLICATIONS.
FILE REFERENCE: 598US12
CURRENT APPLICATION NUMBER: US/10/301.661A
CURRENT FILING DATE: 2002-11-22
PRIOR APPLICATION NUMBER: US/09/319,588C
PRIOR FILING DATE: 1999-08-27
PRIOR APPLICATION NUMBER: FR96/15087
PRIOR FILING DATE: 1996-12-09
NUMBER OF SEQ ID NOS: 98
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 91
LENGTH: 18
TYPE: DNA
ORGANISM: artificial sequence
FEATURE:
OTHER INFORMATION: primer
US-10-301-661A-91

Query Match 1.0%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 410 TATCCAAGATCAGTG 425

DB 3 TATCCAGGATCAGAG 18

RESULT 274

US-10-326-587-9

Sequence 9, Application US/10326587

Publication No. US20030170693A1

GENERAL INFORMATION:

APPLICANT: Chaconas, George
APPLICANT: Kobryn, Kerri

APPLICANT: Tourand, Yvonne M.
TITLE OF INVENTION: Assay for Identifying Modulators of Borrelia Telomere Resolvase

FILE REFERENCE: 9611-33
CURRENT APPLICATION NUMBER: US/10/326,587
CURRENT FILING DATE: 2002-12-20
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PatentIn version 3.1

SEQ ID NO 9
LENGTH: 18
TYPE: DNA
ORGANISM: Borrelia burgdorferi
US-10-326-587-9

Query Match 1.0%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 1259 AATAATTTTATTA 1274
| | | | | | | | | |
b 1 AATAATTTTATTA 16

RESULT 275
US-10-178-325-149/c
Sequence 149, Application US/10178325
Publication No. US20030199467A1

GENERAL INFORMATION:
APPLICANT: Roberts, M. Luisa
APPLICANT: Cowsett, Lex M.
TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene

FILE REFERENCE: ISPH-0404
CURRENT APPLICATION NUMBER: US/10/178,325
CURRENT FILING DATE: 2002-06-21
PRIOR APPLICATION NUMBER: US/09/387,341

PRIOR FILING DATE: 1999-08-31
PRIOR FILING DATE: 1998-09-18
PRIOR FILING DATE: 1998-09-18
PRIOR FILING DATE: 1998-09-18

PRIOR FILING DATE: 1998-09-18
PRIOR FILING DATE: 1998-09-18
PRIOR FILING DATE: 1998-09-25
NUMBER OF SEQ ID NOS: 233

SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 149
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-178-325-149

Query Match 1.0%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 827 CCGAGTTTCTG 842
| | | | | | | | | |
b 18 CCGAGTTTCTG 3

RESULT 276
US-10-299-881-22/c
Sequence 22, Application US/10299881
Publication No. US20030100531A1

GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF Interleukin-15 EXPRESSION

FILE REFERENCE: RTSP-0119
CURRENT APPLICATION NUMBER: US/10/299,881

CURRENT FILING DATE: 2001-11-19
PRIOR APPLICATION NUMBER: US/09/856,748

PRIOR FILING DATE: 2001-05-24
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 22
LENGTH: 18

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-299-881-22

Query Match 1.0%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 1339 CTTGTCATTCAGCT 1354
| | | | | | | | | |
b 16 CTTGTCATTCAGCT 1

RESULT 277
US-10-172-086-116
Sequence 116, Application US/10172086
Publication No. US20030113750A1

GENERAL INFORMATION:
APPLICANT: Epigenomics AG
TITLE OF INVENTION: Method and nucleic acids for the differentiation

FILE REFERENCE:
CURRENT APPLICATION NUMBER: US/10/172,086
CURRENT FILING DATE: 2002-06-13
NUMBER OF SEQ ID NOS: 116

SEQ ID NO 116
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: TGPA detection oligomer
US-10-172-086-116

Query Match 1.0%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 1143 TTTATTTTATTAGA 1158
| | | | | | | | | |
b 2 TTTATTTTATTAGA 17

RESULT 278
US-10-201-685-12/c
Sequence 12, Application US/10201685
Publication No. US20030129738A1

GENERAL INFORMATION:
APPLICANT: Mitranl, Eduardo N.
TITLE OF INVENTION: A DEVICE AND METHOD FOR PERFORMING A BIOLOGICAL MODIFICATION OF

FILE REFERENCE: 24869
CURRENT APPLICATION NUMBER: US/10/201,685
CURRENT FILING DATE: 2002-07-24
NUMBER OF SEQ ID NOS: 12

SOFTWARE: PatentIn version 3.1
SEQ ID NO 12
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial sequence

FEATURE:
OTHER INFORMATION: Synthetic, single strand DNA oligonucleotide
US-10-201-685-12

Query Match 1.0%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

y 496 GCCAGATGCAATACAA 511
|||||
b 18 GCTGAGGCAATACAA 3

RESULT 279

S-10-117-955B-5

Sequence 5, Application US/10117955B

Publication No. US20030199453A1

GENERAL INFORMATION:

APPLICANT: Giordano, Tony

APPLICANT: Sturgess, Michael A.

TITLE OF INVENTION: Small Molecule Inhibitors of Secretion

TITLE OF INVENTION: of Proteins Encoded by ARE-mRNAs

FILE REFERENCE: 50093/018002

CURRENT APPLICATION NUMBER: US/10/117,955B

CURRENT FILING DATE: 2002-04-08

PRIOR APPLICATION NUMBER: US 60/282,974

PRIOR FILING DATE: 2001-04-10

NUMBER OF SEQ ID NOS: 7

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 5

LENGTH: 15

TYPE: RNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: consensus motif

S-10-117-955B-5

Query Match

Best Local Similarity 1.0%; Score 12.6; DB 1; Length 15;

Matches 4; Conservative 10; Mismatches 1; Indels 0; Gaps 0;

y 1045 TATTATGATTTAT 1059

:|::|:|:|:|:|

b 1 MAUUAUUUUUU 15

RESULT 280

S-10-105-481-20

Sequence 20, Application US/10105481

Publication No. US2003004955A1

GENERAL INFORMATION:

APPLICANT: Berka, Randy M

APPLICANT: Cullen, Daniel

APPLICANT: Gray, Gregory L

APPLICANT: Rayenga, Kirk J

APPLICANT: Lawlis, Virgil B

TITLE OF INVENTION: Heterologous Polypeptides Expressed in Filamentous

TITLE OF INVENTION: Fungi, Process for

TITLE OF INVENTION: Making Same and Vectors for Making Same

FILE REFERENCE: A-42909-5

CURRENT APPLICATION NUMBER: US/10/105,481

CURRENT FILING DATE: 2002-03-20

PRIOR APPLICATION NUMBER: 09/468,265

PRIOR FILING DATE: 1999-12-10

PRIOR APPLICATION NUMBER: 08/484,384

PRIOR FILING DATE: 1995-06-07

PRIOR APPLICATION NUMBER: 08/284,942

PRIOR FILING DATE: 1994-08-02

PRIOR APPLICATION NUMBER: 07/413,010

PRIOR FILING DATE: 1989-09-25

PRIOR APPLICATION NUMBER: 07/163,219

PRIOR FILING DATE: 1988-02-26

PRIOR APPLICATION NUMBER: 06/882,224

PRIOR FILING DATE: 1986-07-07

PRIOR APPLICATION NUMBER: 06/771,374

PRIOR FILING DATE: 1985-08-29

NUMBER OF SEQ ID NOS: 28

SOFTWARE: PatentIn version 3.1

SEQ ID NO 20

LENGTH: 17

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: synthetic oligonucleotide probes

US-10-105-481-20

Query Match

Best Local Similarity 1.0%; Score 12.6; DB 1; Length 17;

Matches 10; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

Qy 1271 AGTATAGTACATTA 1285

|:|:|:|:|:|:|:|

Db 2 ARTAYAAATAYATHA 16

RESULT 281

US-08-980-068B-11/c

; Sequence 11, Application US/08980068B

; Publication No. US20020081718A1

; GENERAL INFORMATION:

; APPLICANT: HOTTA, Yoshiki

; TITLE OF INVENTION: A POLYPEPTIDE COMMON TO GLIAL CELLS MISSING (GCM)

; FILE REFERENCE: 97-1513/LC/00653

; CURRENT APPLICATION NUMBER: US/08/980,068B

; CURRENT FILING DATE: 1997-11-26

; NUMBER OF SEQ ID NOS: 23

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 11

; LENGTH: 14

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: DNA FRAGMENT

US-08-980-068B-11

Query Match

Best Local Similarity 1.0%; Score 12.4; DB 1; Length 14;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 472 ATTGTGTGGTCTG 485

|||

Db 14 ATTATGTGGTCTG 1

RESULT 282

US-09-263-959-669

; Sequence 669, Application US/09263959

; Patent No. US20020150891A1

; GENERAL INFORMATION:

; APPLICANT: Hood, Leroy E.

; APPLICANT: Rowen, Lee

; APPLICANT: Koop, Ben F.

; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI

; NUMBER OF SEQUENCES: 1279

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Seed and Berry LLP

; STREET: 6300 Columbia Center, 701 Fifth Avenue

; CITY: Seattle

; STATE: Washington

; COUNTRY: US

; ZIP: 98104-7092

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/263,959

; FILING DATE: 05-MAR-1999

; CLASSIFICATION:

; ATTORNEY/AGENT INFORMATION:

; NAME: Mcmasters, David D.

REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 669:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
JS-09-263-959-669

Query Match 1.0%; Score 12.4; DB 1; Length 14;
Best Local Similarity 92.9%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1044 TTATTATGTTATT 1057
|||||
DB 1 TTATTATTTATT 14

RESULT 283
US-10-155-233-39
Sequence 39, Application US/10155233
Publication No. US20030089294A1
GENERAL INFORMATION:
APPLICANT: RUSCONI, CHRISTOPHER
APPLICANT: SULLENGER, BRUCE A
TITLE OF INVENTION: MODULATORS OF PHARMACOLOGICAL AGENTS
FILE REFERENCE: 1579-684
CURRENT APPLICATION NUMBER: US/10/155,233
CURRENT FILING DATE: 2002-05-28
PRIOR APPLICATION NUMBER: 60/293,231
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: 60/331,037
PRIOR FILING DATE: 2001-11-07
NUMBER OF SEQ ID NOS: 41
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 39
LENGTH: 14
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:Aptamer
US-10-155-233-39

Query Match 1.0%; Score 12.4; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 3.6e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 971 GACATGTGGAGCA 984
|||||
DB 1 GACAUGGGGAGCA 14

RESULT 284
US-09-882-945A-330
Sequence 330, Application US/09882945A
Publication No. US20030143535A1
GENERAL INFORMATION:
APPLICANT: Lyamichiev, Victor
APPLICANT: Allawi, Hatim
APPLICANT: Doong, Pang
APPLICANT: Neri, Bruce
APPLICANT: Vener, Tatiana
TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
FILE REFERENCE: FORS-04586
CURRENT APPLICATION NUMBER: US/09/882,945A
CURRENT FILING DATE: 2001-06-15
NUMBER OF SEQ ID NOS: 334
SOFTWARE: Patentin version 3.0
SEQ ID NO 330

LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-882-945A-330

Query Match 1.0%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1511 AATACAGGCTTTA 1524
|||||
DB 2 AATACAGGCTTTA 15

RESULT 285
US-10-440-850-406/C
Sequence 406, Application US/10440850
Publication No. US20030207837A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Stinchcomb, Dan
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Reve
FILE REFERENCE: 250/130 (MHB00-900-A)
CURRENT APPLICATION NUMBER: US/10/440,850
CURRENT FILING DATE: 2003-05-19
PRIOR APPLICATION NUMBER: US/09/650,012
PRIOR FILING DATE: 2000-08-28
PRIOR APPLICATION NUMBER: US 08/585,684
PRIOR FILING DATE: 1996-01-12
PRIOR APPLICATION NUMBER: US 60/000,951
PRIOR FILING DATE: 1995-07-07
PRIOR APPLICATION NUMBER: US 09/038,073
PRIOR FILING DATE: 1998-03-11
NUMBER OF SEQ ID NOS: 2285
SOFTWARE: Patentin version 3.0
SEQ ID NO 406
LENGTH: 15
TYPE: RNA
ORGANISM: Mus musculus
US-10-440-850-406

Query Match 1.0%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1038 TATTATTATTAT 1051
|||||
DB 15 TATTATTATTAT 2

RESULT 286
US-10-440-850-836/C
Sequence 836, Application US/10440850
Publication No. US20030207837A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Stinchcomb, Dan
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Reve
FILE REFERENCE: 250/130 (MHB00-900-A)
CURRENT APPLICATION NUMBER: US/10/440,850
CURRENT FILING DATE: 2003-05-19
PRIOR APPLICATION NUMBER: US/09/650,012
PRIOR FILING DATE: 2000-08-28
PRIOR APPLICATION NUMBER: US 08/585,684
PRIOR FILING DATE: 1996-01-12

PRIOR APPLICATION NUMBER: US 60/000,951
 PRIOR FILING DATE: 1995-07-07
 PRIOR APPLICATION NUMBER: US 09/038,073
 PRIOR FILING DATE: 1998-03-11
 NUMBER OF SEQ ID NOS: 2285
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 836
 LENGTH: 15
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-10-440-850-836

Query Match 1.0%; Score 12.4; DB 1; Length 15;
 Best Local Similarity 92.9%; Pred. No. 3.8e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1456 TGTTATTATGTAC 1469
 b 15 TGTTATTATGTAC 2

RESULT 287
 US-10-287-919-591
 ; Sequence 591, Application US/10287919
 ; Publication No. US20030085830A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
 ; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
 ; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
 ; CURRENT APPLICATION NUMBER: US/10/287,919
 ; CURRENT FILING DATE: 2002-11-05
 ; NUMBER OF SEQ ID NOS: 2706
 ; SOFTWARE: Proprietary
 ; SEQ ID NO 591
 ; LENGTH: 15
 ; TYPE: DNA
 ; ORGANISM: Methanococcus jannaschii complete genome.
 ; FEATURE:
 ; LOCATION: (176174)...(176188)
 ; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 704
 US-10-287-919-591

Query Match 1.0%; Score 12.4; DB 1; Length 15;
 Best Local Similarity 92.9%; Pred. No. 3.8e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1502 GCATTTTTAAATAC 1515
 Db 2 GCTTTTAAATAC 15

RESULT 288
 US-10-287-919-653/c
 ; Sequence 653, Application US/10287919
 ; Publication No. US20030085830A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
 ; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
 ; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
 ; CURRENT APPLICATION NUMBER: US/10/287,919
 ; CURRENT FILING DATE: 2002-11-05
 ; NUMBER OF SEQ ID NOS: 2706
 ; SOFTWARE: Proprietary
 ; SEQ ID NO 653
 ; LENGTH: 15
 ; TYPE: DNA
 ; ORGANISM: Methanococcus jannaschii complete genome.
 ; FEATURE:
 ; LOCATION: (228177)...(228191)
 ; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 797
 US-10-287-919-653

Query Match 1.0%; Score 12.4; DB 1; Length 15;

Best Local Similarity 92.9%; Pred. No. 3.8e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 629 AATAATTTTGGAT 642
 Db 14 AATAATTTTGGAT 1

RESULT 289
 US-10-287-919-1187/c
 ; Sequence 1187, Application US/10287919
 ; Publication No. US20030085830A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
 ; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
 ; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
 ; CURRENT APPLICATION NUMBER: US/10/287,919
 ; CURRENT FILING DATE: 2002-11-05
 ; NUMBER OF SEQ ID NOS: 2706
 ; SOFTWARE: Proprietary
 ; SEQ ID NO 1187
 ; LENGTH: 15
 ; TYPE: DNA
 ; ORGANISM: Methanococcus jannaschii complete genome.
 ; FEATURE:
 ; LOCATION: (529724)...(529738)
 ; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 1453
 US-10-287-919-1187

Query Match 1.0%; Score 12.4; DB 1; Length 15;
 Best Local Similarity 92.9%; Pred. No. 3.8e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1565 TTTTACTGTTTC 1578
 Db 15 TTTTAAATGTTTC 2

RESULT 290
 US-10-287-919-1863
 ; Sequence 1863, Application US/10287919
 ; Publication No. US20030085830A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
 ; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
 ; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
 ; CURRENT APPLICATION NUMBER: US/10/287,919
 ; CURRENT FILING DATE: 2002-11-05
 ; NUMBER OF SEQ ID NOS: 2706
 ; SOFTWARE: Proprietary
 ; SEQ ID NO 1863
 ; LENGTH: 15
 ; TYPE: DNA
 ; ORGANISM: Methanococcus jannaschii complete genome.
 ; FEATURE:
 ; LOCATION: (1079460)...(1079474)
 ; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 2365
 US-10-287-919-1863

Query Match 1.0%; Score 12.4; DB 1; Length 15;
 Best Local Similarity 92.9%; Pred. No. 3.8e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1502 GCATTTTTAAATAC 1515
 Db 2 GCTTTTAAATAC 15

RESULT 291
 US-10-287-919-1903/c
 ; Sequence 1903, Application US/10287919
 ; Publication No. US20030085830A1
 ; GENERAL INFORMATION:

```
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 1903
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (1125008)...(1125022)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 2424
US-10-287-919-1903

Query Match      1.0%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1054 ATTATTAAAGCAT 1067
   |||||
Db 14 ATTATTAAAGCAT 1

RESULT 292
US-10-287-919-1939
; Sequence 1939, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 1939
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (1158867)...(1158882)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 2471
US-10-287-919-1939

Query Match      1.0%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1520 CTTTATATTTTAA 1533
   |||||
Db 1 CTTTATATTTTAA 14

RESULT 293
US-10-287-919-1971/c
; Sequence 1971, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 1971
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (1187731)...(1187745)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 310
US-10-287-919-1971/c

Query Match      1.0%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1054 ATTATTAAAGCAT 1067
   |||||
Db 14 ATTATTAAAGCAT 1

RESULT 294
US-10-287-919-2415/c
; Sequence 2415, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 2415
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (1496504)...(1496518)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 309
US-10-287-919-2415

Query Match      1.0%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1565 TTTTACTGTTTC 1578
   |||||
Db 15 TTTTAAATGTTTC 2

RESULT 295
US-10-287-919-2419/c
; Sequence 2419, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 2419
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (1498385)...(1498398)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 310
US-10-287-919-2419

Query Match      1.0%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 629 AATAATTTTGAAT 642
   |||||
Db 14 AATAATTTTGAAT 1

RESULT 296
```

S-10-287-919-2626
Sequence 2626, Application US/10287919
Publication No. US20030085830A1
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Methanococcus jannaschii complete genome.
FILE REFERENCES: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/287,919
CURRENT FILING DATE: 2002-11-05
NUMBER OF SEQ ID NOS: 2706
SOFTWARE: Proprietary
SEQ ID NO 2626
LENGTH: 15
TYPE: DNA
ORGANISM: Methanococcus jannaschii complete genome.
FEATURE:
LOCATION: (1597544)...(1597558)
OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectonObjectNumber = 3349
S-10-287-919-2626

Query Match 1.0%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1520 CTTATATTTTAA 1533
|||||
b 1 CTTATATTTTAA 14

RESULT 297
US-09-827-998-196
Sequence 196, Application US/09827998
Patent No. US20020102252A1
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: MDHMPF-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1861
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 196
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-827-998-196

Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1501 TGCATTTTAAATA 1514
|||||
b 4 TGCATTTTAAATA 17

RESULT 298
US-09-827-998-197
Sequence 197, Application US/09827998
Patent No. US20020102252A1
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: MDHMPF-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 197
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-827-998-197

Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1501 TGCATTTTAAATA 1514
|||||
b 3 TGCATTTTAAATA 16

RESULT 299
US-09-827-998-198
Sequence 198, Application US/09827998
Patent No. US20020102252A1
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: MDHMPF-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 198
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-827-998-198

Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1501 TGCATTTTAAATA 1514
|||||
b 2 TGCATTTTAAATA 15

RESULT 300
US-09-827-998-199
Sequence 199, Application US/09827998
Patent No. US20020102252A1
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: MDHMPF-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 199
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens

US-09-827-998-199

Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1501 TGCATTTTAAATA 1514
Db 1 TGCATTTTAAATA 14

RESULT 301

US-09-263-959-744/c
; Sequence 744, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 744:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-744

Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1142 ATTATTTTATTTT 1155
Db 14 ATTATTTTATTTT 1

RESULT 302

US-09-864-785-668
; Sequence 668, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwigen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MEH800-812-D)

; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: Patent In version 3.0
; SEQ ID NO 658
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-668

Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 4.2e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 870 CCAGGATCCCAAG 883
Db 1 CCAGGAUCCAGAAG 14

RESULT 303

US-09-864-785-2141
; Sequence 2141, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwigen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MEH800-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: Patent In version 3.0
; SEQ ID NO 2141
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-2141

Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 4.2e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 870 CCAGGATCCCAAG 883
Db 4 CCAGGAUCCAGAAG 17

RESULT 304

US-09-730-289B-176/c
; Sequence 176, Application US/09730289B
; Publication NO. US20030050259A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwigen, Jim
; TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
; FILE REFERENCE: MEH800-864-A (400/005)
; CURRENT APPLICATION NUMBER: US/09/730,289B
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/169,100
; PRIOR FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 3897
; SOFTWARE: Patent In version 3.0
; SEQ ID NO 176
; LENGTH: 17
; TYPE: RNA

; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3055
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-3055

Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 533 TTCAGTAAACATG 546
DB 14 TTCAGTAAACATG 1

RESULT 309

US-09-780-533A-458/c
; Sequence 458, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MHB00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; PRIOR FILING DATE: 2001-02-09
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 458
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-458

Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1096 TAGAAGATGAATCA 1109
DB 14 TAGAAGATGAATCA 1

RESULT 310

US-09-780-533A-1127
; Sequence 1127, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MHB00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; PRIOR FILING DATE: 2001-02-09
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1127
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens

US-09-780-533A-1127

Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 4.2e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 623 ACAACAAATAATTT 636
DB 4 ACAACAGAAUAUUU 17

RESULT 311

US-09-780-533A-2182
; Sequence 2182, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MHB00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; PRIOR FILING DATE: 2001-02-09
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2182
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-2182

Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 4.2e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 623 ACAACAAATAATTT 636
DB 2 ACAACAGAAUAUUU 15

RESULT 312

US-09-780-533A-2524
; Sequence 2524, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MHB00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; PRIOR FILING DATE: 2001-02-09
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2524
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-2524

Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 4.2e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 623 ACAACAAATAATTT 636


```
; APPLICANT: Boehr, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: Pattae, Ali
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK)
; FILE REFERENCE: MEHB00-955-A (400/008)
; CURRENT APPLICATION NUMBER: US/09/776,474
; CURRENT FILING DATE: 2001-02-02
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 2992
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 299
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
JS-09-776-474-299

Query Match      1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 21.4%; Pred. No. 4.2e+02;
Matches 3; Conservative 10; Mismatches 1; Indels 0; Gaps 0;

DY 1141 AATTATTATTTT 1154
      |||:||||:|:|
      1 AAUUAUUUUUUU 14

RESULT 318
JS-09-740-332-1259/c
; Sequence 1259, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/903
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1259
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
JS-09-740-332-1259

Query Match      1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

XY 893 CACTGTGCTTGGT 906
      |||:|||||
      14 CACTGTGCTTGGT 1

RESULT 319
JS-09-792-818-289
; Sequence 289, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan

; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
; FILE REFERENCE: MEHB00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 289
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-289

Query Match      1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 4.2e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 457 TTCAACACTTCATG 470
      :|:||||:|:|
      3 UUCAACACUUCAG 16

Db 3 UUCAACACUUCAG 16

RESULT 320
US-09-792-818-290
; Sequence 290, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
; FILE REFERENCE: MEHB00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 290
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-290

Query Match      1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 4.2e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 457 TTCAACACTTCATG 470
      :|:||||:|:|
      1 UUCAACACUUCAG 14

Db 1 UUCAACACUUCAG 14

RESULT 321
US-10-238-700-319
; Sequence 319, Application US/10238700
; Publication No. US2003015321A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Leve
; FILE REFERENCE: 400/057 (MEHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 319
```

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LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
IS-10-238-700-319

Query Match      1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 57.1%; Pred. No. 4.2e+02;
Matches 8; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

Y 1175 ATTAGATAAATTC 1188
      |||||:|:|:|
b 4 AUAAGAUAUAUAC 17

RESULT 322
US-10-238-700-1292
Sequence 1292, Application US/10238700
Publication No. US20030153521A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
FILE REFERENCE: 400/057 (MEHB01-1158-A)
CURRENT APPLICATION NUMBER: US/10/238,700
CURRENT FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: PCT/US 02/16840
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/318,471
PRIOR FILING DATE: 2001-09-10
NUMBER OF SEQ ID NOS: 4666
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1292
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-238-700-1292

Query Match      1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 4.2e+02;
Matches 7; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

Y 1111 TGATTGAATAGTTA 1124
      :|||:|:|:|
b 2 UAAUGAUAUAUUA 15

RESULT 323
US-09-817-879-1259/c
Sequence 1259, Application US/09817879
Publication No. US20030171311A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
FILE REFERENCE: HB00-801-F
CURRENT APPLICATION NUMBER: US/09/817,879
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1259
LENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-1259

Query Match      1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1175 ATTAGATAAATTC 1188
      |||||:|:|:|
b 4 AUAAGAUAUAUAC 17

RESULT 322
US-10-238-700-1292
Sequence 1292, Application US/10238700
Publication No. US20030153521A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
FILE REFERENCE: 400/057 (MEHB01-1158-A)
CURRENT APPLICATION NUMBER: US/10/238,700
CURRENT FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: PCT/US 02/16840
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/318,471
PRIOR FILING DATE: 2001-09-10
NUMBER OF SEQ ID NOS: 4666
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1292
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-238-700-1292

Query Match      1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 4.2e+02;
Matches 7; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

Y 1111 TGATTGAATAGTTA 1124
      :|||:|:|:|
b 2 UAAUGAUAUAUUA 15

RESULT 323
US-09-817-879-1259/c
Sequence 1259, Application US/09817879
Publication No. US20030171311A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
FILE REFERENCE: HB00-801-F
CURRENT APPLICATION NUMBER: US/09/817,879
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1259
LENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-1259

Query Match      1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1175 ATTAGATAAATTC 1188
      |||||:|:~|:|
b 4 AUAAGAUAUAUAC 17

RESULT 324
US-10-340-192-29
Sequence 29, Application US/10340192
Publication No. US20030170700A1
GENERAL INFORMATION:
APPLICANT: Lymx Therapeutics, Inc.
APPLICANT: Shang, Jin
APPLICANT: Bowen, Benjamin A
TITLE OF INVENTION: SECRETED AND CELL SURFACE POLYPEPTIDES AFFECTED BY CHOLESTEROL AI
FILE REFERENCE: 37-000610US
CURRENT APPLICATION NUMBER: US/10/340,192
CURRENT FILING DATE: 2003-01-08
NUMBER OF SEQ ID NOS: 88
SOFTWARE: PatentIn version 3.1
SEQ ID NO 29
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-340-192-29

Query Match      1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 874 GATCCACAAGTCCT 887
      |||||:|:|:|
b 1 GATCCTCAAGTCCT 14

RESULT 325
US-10-091-281-263/c
Sequence 263, Application US/10091281
Publication No. US20030190617A1
GENERAL INFORMATION:
APPLICANT: RAYMOND, VINCENT
APPLICANT: SI, ERWIN
APPLICANT: MORISSETTE, JEAN
TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
FILE REFERENCE: 13587.338
CURRENT APPLICATION NUMBER: US/10/091,281
CURRENT FILING DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 463
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 263
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: Putative HNF1/HNF1.02 motif
US-10-091-281-263

Query Match      1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1108 CATTGATTGAATAG 1121
      |||||:|:|:|
b 16 CATTATTGAATAG 3

RESULT 326
US-10-209-787-583
Sequence 583, Application US/10209787
Publication No. US20030217377A1
GENERAL INFORMATION:
APPLICANT: Kniec, Eric B.
APPLICANT: Gamper, Howard B.

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; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; PRIOR FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 583
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-583

Query Match      1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1204 ATTAACAACAA 1217
DB 3 ATTAACAACATCAA 16

RESULT 327
US-10-209-787-584/c
; Sequence 584, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kniec, Eric B.
; APPLICANT: Gamper, Howard B.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 584
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-584

Query Match      1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

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RESULT 328
US-10-209-787-3054
; Sequence 3054, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kniec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3054
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-3054

Query Match      1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 533 TTCAGTAAACATG 546
DB 4 TTCAGTACACATG 17

RESULT 329
US-10-209-787-3055/c
; Sequence 3055, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kniec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3055
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-3055

Query Match      1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;

```

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

y 533 TTCAGTAACAAATG 546
b 14 TTCAGTACACAAATG 1

RESULT 330

US-10-060-756A-1669/c

Sequence 1669, Application US/10060756A

Publication No. US20030046717A1

GENERAL INFORMATION:

APPLICANT: Zhang, Jian

TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN

FILE REFERENCE: PB0177

CURRENT APPLICATION NUMBER: US/10/060,756A

CURRENT FILING DATE: 2002-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006657

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006654

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006659

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006655

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006658

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006653

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 09/864,761

PRIOR FILING DATE: 2001-05-23

PRIOR APPLICATION NUMBER: US 60/327,898

PRIOR FILING DATE: 2001-10-09

NUMBER OF SEQ ID NOS: 4804

SOFTWARE: Acomica Sequence Listing Engine

SEQ ID NO 1669

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-10-060-756A-1669

Query Match

Best Local Similarity 1.0%; Score 12.4; DB 1; Length 17;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

y 678 ACAATAGCAAAAT 691
b 17 AAAATAGCAAAAT 4

RESULT 331

US-10-060-756A-1675/c

Sequence 1675, Application US/10060756A

Publication No. US20030046717A1

GENERAL INFORMATION:

APPLICANT: Zhang, Jian

TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN

FILE REFERENCE: PB0177

CURRENT APPLICATION NUMBER: US/10/060,756A

CURRENT FILING DATE: 2002-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006657

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006654

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006659

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006655

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006658

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006653

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 09/864,761

; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1675
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-1675

Query Match 1.0%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 4.2e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 675 TATACAAATAGCAA 688
Db 14 TATACAAATAGCAA 1

RESULT 332

US-10-060-756A-1927/c

Sequence 1927, Application US/10060756A

Publication No. US20030046717A1

GENERAL INFORMATION:

APPLICANT: Zhang, Jian

TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN

FILE REFERENCE: PB0177

CURRENT APPLICATION NUMBER: US/10/060,756A

CURRENT FILING DATE: 2002-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006657

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006654

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006659

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006655

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006658

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006653

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 09/864,761

PRIOR FILING DATE: 2001-05-23

PRIOR APPLICATION NUMBER: US 60/327,898

PRIOR FILING DATE: 2001-10-09

NUMBER OF SEQ ID NOS: 4804

SOFTWARE: Acomica Sequence Listing Engine

SEQ ID NO 1927

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-10-060-756A-1927

Query Match

Best Local Similarity 1.0%; Score 12.4; DB 1; Length 17;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1459 TTATATGATACAAA 1472
Db 17 TTATATGATACAAA 4

RESULT 333

US-10-060-756A-1928/c

Sequence 1928, Application US/10060756A

Publication No. US20030046717A1

GENERAL INFORMATION:

APPLICANT: Zhang, Jian

TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN

FILE REFERENCE: PB0177

CURRENT APPLICATION NUMBER: US/10/060,756A

CURRENT FILING DATE: 2002-01-30

Query Match	1.0%	Score 12.4	DB 1	Length 17
Best Local Similarity	28.6%	Pred. No. 4.2e+02		
Matches	4	Conservative	9	Mismatches 1
Indels				Gaps 0
Query	1262	TAATTTTGTAGTAT	1275	
Db	3	UAAUUUUUACUAAU	16	
RESULT 336				
US-10-156-306-470				
Sequence 470		Application US/10156306		
Publication No.		US20030119017A1		
GENERAL INFORMATION:				
APPLICANT:		McSwiggen, James		
TITLE OF INVENTION:		Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat		
TITLE OF INVENTION:		Levels of IKK-Gamma and PKR		
FILE REFERENCE:		MBH01-664-A (400/050)		
CURRENT APPLICATION NUMBER:		US/10/156,306		
CURRENT FILING DATE:		2002-05-28		
NUMBER OF SEQ ID NOS:		8013		
SOFTWARE:		PatentIn version 3.0		
SEQ ID NO 470				
LENGTH:		17		
TYPE:		RNA		
ORGANISM:		Homo sapiens		
US-10-156-306-470				
Query Match	1.0%	Score 12.4 <td>DB 1</td> <td>Length 17</td>	DB 1	Length 17
Best Local Similarity	28.6%	Pred. No. 4.2e+02		
Matches	4	Conservative	9	Mismatches 1
Indels				Gaps 0
Query	1262	TAATTTTGTAGTAT	1275	
Db	2	UAAUUUUUACUAAU	15	
RESULT 337				
US-10-156-306-471				
Sequence 471		Application US/10156306		
Publication No.		US20030119017A1		
GENERAL INFORMATION:				
APPLICANT:		McSwiggen, James		
TITLE OF INVENTION:		Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat		
TITLE OF INVENTION:		Levels of IKK-Gamma and PKR		
FILE REFERENCE:		MBH01-664-A (400/050)		
CURRENT APPLICATION NUMBER:		US/10/156,306		
CURRENT FILING DATE:		2002-05-28		
NUMBER OF SEQ ID NOS:		8013		
SOFTWARE:		PatentIn version 3.0		
SEQ ID NO 471				
LENGTH:		17		
TYPE:		RNA		
ORGANISM:		Homo sapiens		
US-10-156-306-471				
Query Match	1.0%	Score 12.4 <td>DB 1</td> <td>Length 17</td>	DB 1	Length 17
Best Local Similarity	28.6%	Pred. No. 4.2e+02		
Matches	4	Conservative	9	Mismatches 1
Indels				Gaps 0
Query	1262	TAATTTTGTAGTAT	1275	
Db	4	UAAUUUUUACUAAU	17	
RESULT 335				
US-10-156-306-469				
Sequence 469		Application US/10156306		
Publication No.		US20030119017A1		
GENERAL INFORMATION:				
APPLICANT:		McSwiggen, James		
TITLE OF INVENTION:		Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat		
TITLE OF INVENTION:		Levels of IKK-Gamma and PKR		
FILE REFERENCE:		MBH01-664-A (400/050)		
CURRENT APPLICATION NUMBER:		US/10/156,306		
CURRENT FILING DATE:		2002-05-28		
NUMBER OF SEQ ID NOS:		8013		
SOFTWARE:		PatentIn version 3.0		
SEQ ID NO 468				
LENGTH:		17		
TYPE:		RNA		
ORGANISM:		Homo sapiens		
US-10-156-306-468				
Query Match	1.0%	Score 12.4 <td>DB 1</td> <td>Length 17</td>	DB 1	Length 17
Best Local Similarity	28.6%	Pred. No. 4.2e+02		
Matches	4	Conservative	9	Mismatches 1
Indels				Gaps 0
Query	1262	TAATTTTGTAGTAT	1275	
Db	4	UAAUUUUUACUAAU	17	

b 1 UAAUUUUUUAU 14

RESULT 338

S-10-156-306-7039
Sequence 7039, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: McSwiggen, James
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
TITLE OF INVENTION: Levels of IKK-Gamma and PER
FILE REFERENCE: MEH01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 7039
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
S-10-156-306-7039

Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 4.2e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

b 970 GGACATGTCGAAGC 983
|||||
1 GGACAGGAGGAGC 14

RESULT 339

S-09-263-959-781
Sequence 781, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESS: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMasters David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 781:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
S-09-263-959-781

Query Match 1.0%; Score 12.4; DB 1; Length 22;
Best Local Similarity 72.7%; Pred. No. 5e+02;
Matches 16; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1590 AAATATAAGTAAATGAAA 1611
|||||
Db 1 AAATATAATATAAATAA 22

RESULT 340

US-09-730-289B-126
Sequence 126, Application US/09730289B
Publication No. US20030050259A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
FILE REFERENCE: MEH00-864-A (400/006)
CURRENT APPLICATION NUMBER: US/09/730,289B
CURRENT FILING DATE: 2000-12-05
PRIOR APPLICATION NUMBER: US 60/169,100
PRIOR FILING DATE: 1999-12-06
NUMBER OF SEQ ID NOS: 3897
SOFTWARE: PatentIn version 3.0
SEQ ID NO 126
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-730-289B-126

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 35.3%; Pred. No. 4.5e+02;
Matches 6; Conservative 8; Mismatches 3; Indels 0; Gaps 0;

QY 720 CTTTAAATTCAGCAATT 736
|||||
Db 1 CUUUAUUUCAAUAUU 17

RESULT 341

US-09-730-289B-178
Sequence 178, Application US/09730289B
Publication No. US20030050259A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
FILE REFERENCE: MEH00-864-A (400/006)
CURRENT APPLICATION NUMBER: US/09/730,289B
CURRENT FILING DATE: 2000-12-05
PRIOR APPLICATION NUMBER: US 60/169,100
PRIOR FILING DATE: 1999-12-06
NUMBER OF SEQ ID NOS: 3897
SOFTWARE: PatentIn version 3.0
SEQ ID NO 178
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-730-289B-178

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 47.1%; Pred. No. 4.5e+02;
Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 1484 AATATTATTAAATGAC 1500
|||||
Db 1 AAUAUAUUUAUUAUAC 17

RESULT 342

US-10-156-306-460/c

; Sequence 460, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: Levels of IKK-Gamma and PKR
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 460
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; JS-10-156-306-460

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2y 1588 GGAATATTAAGTAA 1604
Db 17 GGAATATTAAGTAA 1

RESULT 343

US-09-768-436-9/c
; Sequence 9, Application US/09768436
; Patent No. US2002006639A1
; GENERAL INFORMATION:
; APPLICANT: Paul Andrew Whittaker et al
; TITLE OF INVENTION: Disease-Associated Gene
; FILE REFERENCE: Case No. US2002006639A1 4-31306A/HO 25
; CURRENT APPLICATION NUMBER: US/09/768,436
; CURRENT FILING DATE: 2001-01-24
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-768-436-9

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 862 TCTGCTAGCCGAGTCC 878
Db 17 TCTGCGAACCAGGATCC 1

RESULT 344

US-09-866-108-387/c
; Sequence 387, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 387
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-387

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 487 TGTAGGTTGCCAGATG 503
Db 17 TGTGGGTTGGCTGATG 1

RESULT 345

US-09-866-108-849/c
; Sequence 849, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 849
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-849

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

; 889 GTTCCACTGTCCTTGG 905
; 17 GTGCCACGTCCTTGG 1

RESULT 346
US-09-866-108-6770
Sequence 6770, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 6770
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-6770

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

; 819 CTGGAATCTCTGGATTT 835
; 1 CTGGAGACCTCGATCT 17

RESULT 347
US-09-866-108-7125
Sequence 7125, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 7125

VID IN HUMAN HEART AND MUSCLE

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B 1; Length 17;
+02;
3; Indels 0; Gaps
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Acmica Sequence Listing Engine
SEQ ID NO 10443
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-10443

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

512 GATTCTGCTTAAATTT 528
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17 GATTCTGCTGACATT 1

RESULT 352
US-09-263-959-546
Sequence 546: Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSER: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:

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TITLE OF INVENTION: HUMAN NEDD1
FILE REFERENCE: AEMICA-9
CURRENT APPLICATION NUMBER: US/09/872,462
CURRENT FILING DATE: 2001-06-01
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
NUMBER OF SEQ ID NOS: 473
SOFTWARE: Aemica Sequence Listing Engine
SEQ ID NO 83
TYPE: DNA
LENGTH: 17
ORGANISM: Homo sapiens
US-09-872-462-83

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1 1095 ATAGAGATGATTCATT 1111
17 ATAGAGATGATTCATT 1

RESULT 357
US-09-872-462-205
Sequence 205, Application US/09872462
Patent No. US20020169295A1
GENERAL INFORMATION:
APPLICANT: GU, Vitzhong
APPLICANT: Corrigan, Amy
TITLE OF INVENTION: HUMAN NEDD1
FILE REFERENCE: AEMICA-9
CURRENT APPLICATION NUMBER: US/09/872,462
CURRENT FILING DATE: 2001-06-01
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
NUMBER OF SEQ ID NOS: 473
SOFTWARE: Aemica Sequence Listing Engine
SEQ ID NO 205
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-872-462-205

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 668 GGGGGAATATACAAATA 684
DB 1 GGGGGAATATATCAATA 17

RESULT 358
US-09-864-785-243
Sequence 243, Application US/09864785
Patent No. US20020177568A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Stinchcomb, Dan
APPLICANT: Draper, Ken
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of NF-kappa B
FILE REFERENCE: 400/022 (MEH800-812-D)
CURRENT APPLICATION NUMBER: US/09/864,785
CURRENT FILING DATE: 2001-05-23
NUMBER OF SEQ ID NOS: 3929
SOFTWARE: PatentIn version 3.0
SEQ ID NO 243
LENGTH: 17
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-243

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 4.5e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1596 AAAAGTAAATATGAAAC 1612
DB 1 AAAGGACAUUGAGAC 17

RESULT 359
US-09-864-785-2964
Sequence 2964, Application US/09864785
Patent No. US20020177568A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Stinchcomb, Dan
APPLICANT: Draper, Ken
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of NF-kappa B
FILE REFERENCE: 400/022 (MEH800-812-D)
CURRENT APPLICATION NUMBER: US/09/864,785
CURRENT FILING DATE: 2001-05-23
NUMBER OF SEQ ID NOS: 3929
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2964
LENGTH: 17
TYPE: RNA
ORGANISM: Artificial Sequence


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; TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
; FILE REFERENCE: MHB00-864-A (400/006)
; CURRENT APPLICATION NUMBER: US/09/730,289B
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/169,100
; PRIOR FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 3897
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 296
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
JS-09-730-289B-296

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1485 ATATTATTAAATGACT 1501
DB 17 ATATTAGTATGACT 1

RESULT 368
JS-09-730-289B-581/c
; Sequence 581, Application US/09730289B
; Publication No. US20030050259A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
; FILE REFERENCE: MHB00-864-A (400/006)
; CURRENT APPLICATION NUMBER: US/09/730,289B
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/169,100
; PRIOR FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 3897
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 581
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
JS-09-730-289B-581

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1520 CTTTATATTTTAACTT 1536
DB 17 CTTTATATAGTGACTT 1

RESULT 369
JS-09-730-289B-616/c
; Sequence 616, Application US/09730289B
; Publication No. US20030050259A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
; FILE REFERENCE: MHB00-864-A (400/006)
; CURRENT APPLICATION NUMBER: US/09/730,289B
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/169,100
; PRIOR FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 3897
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 616
; LENGTH: 17
; TYPE: RNA

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; ORGANISM: Homo sapiens
US-09-730-289B-616

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1510 AAATACAAGGCTTTATA 1526
DB 17 AAATACAATGTTTAGA 1

RESULT 370
US-09-730-289B-692/c
; Sequence 692, Application US/09730289B
; Publication No. US20030050259A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
; FILE REFERENCE: MHB00-864-A (400/006)
; CURRENT APPLICATION NUMBER: US/09/730,289B
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/169,100
; PRIOR FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 3897
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 692
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-730-289B-692

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1591 AATATAAAGTAAATAT 1607
DB 17 AATCTAATAGTTAATAT 1

RESULT 371
US-09-730-289B-872
; Sequence 872, Application US/09730289B
; Publication No. US20030050259A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
; FILE REFERENCE: MHB00-864-A (400/006)
; CURRENT APPLICATION NUMBER: US/09/730,289B
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/169,100
; PRIOR FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 3897
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 872
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-730-289B-872

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 29.4%; Pred. No. 4.5e+02;
Matches 5; Conservative 9; Mismatches 3; Indels 0; Gaps 0;

QY 589 TATGTAAAGTATTATT 605
DB 1 UAUCUCAAGUUAUUUU 17

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Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 41.2%; Pred. No. 4.5e+02;
Matches 7; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 909 CTCCTTTATTTCTAAGT 925
DB 1 CTUCUUUAUAACUAGU 17
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RESULT 377
US-09-730-289B-970/c
; Sequence 970, Application US/09730289B
; Publication No. US20030050259A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
; FILE REFERENCE: MHB00-864-A (400/006)
; CURRENT APPLICATION NUMBER: US/09/730,289B
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/169,100
; PRIOR FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 3897
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 970
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-730-289B-970

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1468 ACAATAGTCTTTATA 1484
DB 17 ACAATAGTCTTTATA 1
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RESULT 378
US-09-730-289B-1033/c
; Sequence 1033, Application US/09730289B
; Publication No. US20030050259A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
; FILE REFERENCE: MHB00-864-A (400/006)
; CURRENT APPLICATION NUMBER: US/09/730,289B
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/169,100
; PRIOR FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 3897
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1033
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-730-289B-1033

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1470 AAATAGATCTTTATA 1486
DB 17 AAATATAATCTTATAAT 1
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RESULT 379
US-09-730-289B-1033/c
; Sequence 1033, Application US/09730289B
; Publication No. US20030050259A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
; FILE REFERENCE: MHB00-864-A (400/006)
; CURRENT APPLICATION NUMBER: US/09/730,289B
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/169,100
; PRIOR FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 3897
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1033
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-730-289B-1033

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1470 AAATAGATCTTTATA 1486
DB 17 AAATATAATCTTATAAT 1
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RESULT 380
US-09-730-289B-1120/c
; Sequence 1120, Application US/09730289B
; Publication No. US20030050259A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
; FILE REFERENCE: MHB00-864-A (400/006)
; CURRENT APPLICATION NUMBER: US/09/730,289B
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/169,100
; PRIOR FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 3897
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1120
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-730-289B-1120

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 819 CTGGAATCTCTGGATT 835
DB 17 CTGGAATCTTTTATT 1
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RESULT 381
US-09-818-875-563
; Sequence 563, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
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CURRENT FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 563
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
S-09-818-875-563

Query Match
Best Local Similarity 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1373 TGAATTACCGAATAATG 1389
b 1 TGTATTACCGAGTAATG 17

RESULT 382
S-09-818-875-564/c
Sequence 564, Application US/09818875
Publication No. US20030051270A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/09/818,875
PRIOR FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 564
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
S-09-818-875-564

Query Match
Best Local Similarity 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1373 TGAATTACCGAATAATG 1389
b 1 TGTATTACCGAGTAATG 17

RESULT 383
S-09-818-875-771
Sequence 771, Application US/09818875
Publication No. US20030051270A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single

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; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 771
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-771

Query Match
Best Local Similarity 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 921 TAAGTGGAAAAGTATT 937
DB 1 TAAGTGGAAAAGGTT 17

RESULT 384
US-09-818-875-772/c
Sequence 772, Application US/09818875
Publication No. US20030051270A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 772
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-818-875-772

Query Match
Best Local Similarity 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 921 TAAGTGGAAAAGTATT 937
DB 17 TAAGTGGAAAAGGTT 1

RESULT 385
US-09-818-875-1723
Sequence 1723, Application US/09818875
Publication No. US20030051270A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.

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APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT FILING DATE: 2001-03-27
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,999
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 1723
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-818-875-1723

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2Y 1404 AACAGCCAAACCTCCA 1420
DB 1 AGACACCCAAAGTCCA 17

RESULT 386

US-09-818-875-1724/c
Sequence 1724, Application US/09818875

Publication No. US20030051270A1
GENERAL INFORMATION:

APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT FILING DATE: 2001-03-27
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,999
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 1724
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-818-875-1724

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2Y 1404 AACAGCCAAACCTCCA 1420
DB 17 AGACACCCAAAGTCCA 1

RESULT 387

US-09-818-875-2158
Sequence 2158, Application US/09818875

Publication No. US20030051270A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT FILING DATE: 2001-03-27
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,999
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 2158
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-818-875-2158

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1604 ATATGAAACATTTAAA 1620
DB 1 AGATGAAACCTTTAAGA 17

RESULT 388

US-09-818-875-2159/c

Sequence 2159, Application US/09818875
Publication No. US20030051270A1

GENERAL INFORMATION:

APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT FILING DATE: 2001-03-27
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,999
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 2159
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-818-875-2159

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1604 ATATGAAACATTTAAA 1620
DB 17 AGATGAAACCTTTAAGA 1

```
RESULT 389
S-09-818-875-2438
Sequence 2438, Application US/09818875
Publication No. US20030051270A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Gamber, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT FILING DATE: 2001-03-27
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 2438
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
S-09-818-875-2438

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1 980 AAGCAGCTTTAAGTTTTT 996
||||| |||||||
1 AAGCAGCAGAGAGTTTTT 17

RESULT 390
S-09-818-875-2439/c
Sequence 2439, Application US/09818875
Publication No. US20030051270A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Gamber, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT FILING DATE: 2001-03-27
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 2439
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
S-09-818-875-2439

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1 980 AAGCAGCTTTAAGTTTTT 996
||||| |||||||
```

```
Db 17 AAGCAGCAGAGAGTTTTTT 1

RESULT 391
US-09-818-875-2442
Sequence 2442, Application US/09818875
Publication No. US20030051270A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Gamber, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT FILING DATE: 2001-03-27
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 2442
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-818-875-2442

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 980 AAGCAGCTTTAAGTTTTT 996
||||| |||||||
Db 1 AAGCAGCAGAGAGTTTTTT 17

RESULT 392
US-09-818-875-2443/c
Sequence 2443, Application US/09818875
Publication No. US20030051270A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Gamber, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT FILING DATE: 2001-03-27
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 2443
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-818-875-2443

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Y 980 AACGACTTTAAGTTT 996
b 17 AACGACGAGAGTTT 1

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1491 TTTAAATGACTGCATT 1507
Db 17 TTTAAATGGCGCAGTT 1

RESULT 395
US-09-818-875-2542
; Sequence 2542, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamber, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2542
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-2542

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1491 TTTAAATGACTGCATT 1507
Db 1 TTTAAATGGCGCAGTT 17

RESULT 396
US-09-818-875-2543/c
; Sequence 2543, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamber, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2543
; TYPE: DNA
US-09-818-875-2539/c
; Sequence 2539, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamber, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2539
; TYPE: DNA
US-09-818-875-2538
; Sequence 2538, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamber, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2538
; TYPE: DNA
US-09-818-875-2538
```

ORGANISM: Homo sapiens
S-09-818-875-2543

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1491 TTAAATGACTGCTATT 1507
b 17 TTAAATGGCGGCACTT 1

RESULT 397

S-09-818-875-4186/c
Sequence 4186, Application US/09818875
Publication No. US20030051270A1

GENERAL INFORMATION:

APPLICANT: Koiec, Eric B.
APPLICANT: Gamper Howard B.

APPLICANT: Rice, Michael C.

TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
Stranded Oligonucleotides

FILE REFERENCE: Napro-4

CURRENT APPLICATION NUMBER: US/09/818,875

PRIOR FILING DATE: 2001-03-27

PRIOR APPLICATION NUMBER: US 60/192,176

PRIOR FILING DATE: 2000-03-27

PRIOR APPLICATION NUMBER: US 60/192,179

PRIOR FILING DATE: 2000-03-27

PRIOR APPLICATION NUMBER: US 60/208,538

PRIOR FILING DATE: 2000-06-01

PRIOR APPLICATION NUMBER: US 60/244,989

PRIOR FILING DATE: 2000-10-30

NUMBER OF SEQ ID NOS: 4385

SOFTWARE: Friedman macro Napro4

SEQ ID NO 4186

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

S-09-818-875-4186

Query Match

Best Local Similarity 1.0%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1124 ATAAAGATGTTATAGTA 1140
b 17 ATAGAGATGATATAATA 1

RESULT 398

S-09-818-875-4187
Sequence 4187, Application US/09818875
Publication No. US20030051270A1

GENERAL INFORMATION:

APPLICANT: Koiec, Eric B.
APPLICANT: Gamper Howard B.

APPLICANT: Rice, Michael C.

TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
Stranded Oligonucleotides

FILE REFERENCE: Napro-4

CURRENT APPLICATION NUMBER: US/09/818,875

PRIOR FILING DATE: 2001-03-27

PRIOR APPLICATION NUMBER: US 60/192,176

PRIOR FILING DATE: 2000-03-27

PRIOR APPLICATION NUMBER: US 60/192,179

PRIOR FILING DATE: 2000-03-27

PRIOR APPLICATION NUMBER: US 60/208,538

PRIOR FILING DATE: 2000-06-01

PRIOR APPLICATION NUMBER: US 60/244,989

PRIOR FILING DATE: 2000-10-30

NUMBER OF SEQ ID NOS: 4385

SOFTWARE: Friedman macro Napro4

SEQ ID NO 4187
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-818-875-4187

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1124 ATAAAGATGTTATAGTA 1140
b 1 ATAGAGATGATATAATA 17

RESULT 399

US-09-780-533A-107
Sequence 107, Application US/09780533A
Publication No. US20030060611A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Blatt, Larry

APPLICANT: McSwiggen, Jim

APPLICANT: Chowrira, Bharat

APPLICANT: Haeblerli, Pete

TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene

FILE REFERENCE: MEH00,878-A (400/011)

CURRENT APPLICATION NUMBER: US/09/780,533A

PRIOR FILING DATE: 2001-02-09

PRIOR APPLICATION NUMBER: US 60/181,797

PRIOR FILING DATE: 2000-02-11

NUMBER OF SEQ ID NOS: 6679

SOFTWARE: PatentIn version 3.0

SEQ ID NO 107

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-09-780-533A-107

Query Match

Best Local Similarity 1.0%; Score 12.2; DB 1; Length 17;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 425 GAAGATCCAGTGAAC 441
b 1 GAAGAUGUCAGUGAAGC 17

RESULT 400

US-09-780-533A-459/c
Sequence 459, Application US/09780533A
Publication No. US20030060611A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Blatt, Larry

APPLICANT: McSwiggen, Jim

APPLICANT: Chowrira, Bharat

APPLICANT: Haeblerli, Pete

TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene

FILE REFERENCE: MEH00,878-A (400/011)

CURRENT APPLICATION NUMBER: US/09/780,533A

PRIOR FILING DATE: 2001-02-09

PRIOR APPLICATION NUMBER: US 60/181,797

PRIOR FILING DATE: 2000-02-11

NUMBER OF SEQ ID NOS: 6679

SOFTWARE: PatentIn version 3.0

SEQ ID NO 459

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-09-780-533A-459

Query Match

1.0%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1092 AATAAGAGTATGATC 1108
DB 17 AATTAGAAATGATC 1

RESULT 401

US-09-780-533A-521/c
; Sequence 521, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MHB00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 521
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-521

Query Match 1.0%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1088 TCGAAATATGAGATG 1104
DB 17 TGAATATATGAGATG 1

RESULT 402

US-09-780-533A-598
; Sequence 598, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MHB00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 598
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-598

Query Match 1.0%; Score 12.2; DB 1; Length 17;

Best Local Similarity 29.4%; Pred. No. 4.5e+02;
Matches 5; Conservative 9; Mismatches 3; Indels 0; Gaps 0;

QY 1286 TTGTTATCTGAATTT 1302
DB 1 DUGAUCUCUGAAGUUU 17

Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1092 AATAAGAGTATGATC 1108
DB 17 AATTAGAAATGATC 1

RESULT 401

US-09-780-533A-521/c
; Sequence 521, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MHB00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 521
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-521

Query Match 1.0%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1088 TCGAAATATGAGATG 1104
DB 17 TGAATATATGAGATG 1

RESULT 402

US-09-780-533A-598
; Sequence 598, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MHB00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 598
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-598

Query Match 1.0%; Score 12.2; DB 1; Length 17;

Best Local Similarity 29.4%; Pred. No. 4.5e+02;
Matches 5; Conservative 9; Mismatches 3; Indels 0; Gaps 0;

QY 1286 TTGTTATCTGAATTT 1302
DB 1 DUGAUCUCUGAAGUUU 17

RESULT 403

US-09-780-533A-640/c
; Sequence 640, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MHB00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 640
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-640

Query Match 1.0%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 579 AACATCTTATATGTAA 595
DB 17 AACATCTTATATGCAA 1

RESULT 404

US-09-780-533A-662
; Sequence 662, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MHB00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 662
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-662

Query Match 1.0%; Score 12.2; DB 1; Length 17;

Best Local Similarity 35.3%; Pred. No. 4.5e+02;
Matches 6; Conservative 8; Mismatches 3; Indels 0; Gaps 0;

QY 601 TATTATTGTGAATCTAC 617
DB 1 UAUCUAUUGAUAUAC 17

RESULT 405

US-09-780-533A-1012
; Sequence 1012, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

TYPE: RNA
ORGANISM: Homo sapiens
IS-09-780-533A-2250

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1292 ATCTGAATTTAATG 1308
|||||
b 17 ATCTAATTTCAATG 1

RESULT 410

US-09-780-533A-2692
Sequence 2692, Application US/09780533A
Publication No. US20030060611A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Chowiriza, Bharat
APPLICANT: Haeblerli, Pete
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
FILE REFERENCE: MEH800-878-A (400/011)
CURRENT APPLICATION NUMBER: US/09/780,533A
CURRENT FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: US 60/181,797
PRIOR FILING DATE: 2000-02-11
NUMBER OF SEQ ID NOS: 6679
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2692
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-780-533A-2692

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 41.2%; Pred. No. 4.5e+02;
Matches 7; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

Y 1049 TATGTATTATTAAAC 1065
:|:|:|:|:|:|
b 1 UAUGAUGGAUUAAC 17

RESULT 411

US-09-877-478-219
Sequence 219, Application US/09877478
Publication No. US20030068301A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Morrissey, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: MEH800-845-H (400/029)
CURRENT APPLICATION NUMBER: US/09/877,478
CURRENT FILING DATE: 2001-12-31
PRIOR APPLICATION NUMBER: US 07/882,712
PRIOR FILING DATE: 1992-05-14
PRIOR APPLICATION NUMBER: US 09/531,025
PRIOR FILING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR FILING DATE: 2000-08-09
PRIOR APPLICATION NUMBER: US 09/696,347
PRIOR FILING DATE: 2000-10-24
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR FILING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 08/433,993
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 08/434,504

PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6586
SOFTWARE: PatentIn version 3.0
SEQ ID NO 219
LENGTH: 17
TYPE: RNA
ORGANISM: Hepatitis B virus
US-09-877-478-219

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 4.5e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

Y 1221 TTGGTACCCAGTTAAA 1237
:|:|:|:|:|:|
b 1 UUGGGUAUACAUAUAAA 17

RESULT 412

US-09-877-478-509/c
Sequence 509, Application US/09877478
Publication No. US20030068301A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Draper, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Morrissey, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: MEH800-845-H (400/029)
CURRENT APPLICATION NUMBER: US/09/877,478
CURRENT FILING DATE: 2001-12-31
PRIOR APPLICATION NUMBER: US 07/882,712
PRIOR FILING DATE: 1992-05-14
PRIOR APPLICATION NUMBER: US 09/531,025
PRIOR FILING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR FILING DATE: 2000-08-09
PRIOR APPLICATION NUMBER: US 09/696,347
PRIOR FILING DATE: 2000-10-24
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR FILING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 08/433,993
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 08/434,504
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6586
SOFTWARE: PatentIn version 3.0
SEQ ID NO 509
LENGTH: 17
TYPE: RNA
ORGANISM: Hepatitis B virus
US-09-877-478-509

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 614 CTACAAAACACAAA 630
|||||
b 17 CTCAAAAGACCCAAA 1

RESULT 413

US-09-877-478-721
Sequence 721, Application US/09877478
Publication No. US20030068301A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.

```
APPLICANT: Draper, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Morrissey, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: MHB00-845-H (400/029)
CURRENT APPLICATION NUMBER: US 09/877,478
CURRENT FILING DATE: 2001-12-31
PRIOR APPLICATION NUMBER: US 07/882,712
PRIOR FILING DATE: 1992-05-14
PRIOR APPLICATION NUMBER: US 09/531,025
PRIOR FILING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR FILING DATE: 2000-08-09
PRIOR APPLICATION NUMBER: US 09/696,347
PRIOR FILING DATE: 2000-10-24
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR FILING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 08/433,993
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 08/434,504
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6586
SOFTWARE: PatentIn version 3.0
SEQ ID NO 721
LENGTH: 17
TYPE: RNA
ORGANISM: Hepatitis B virus
3-09-877-478-721

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 41.2%; Pred. No. 4.5e+02;
Matches 7; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

Y 1434 TAATTCTTGCTGGTGG 1450
      : : : : : : : : :
      1 UACUUCUGGUGGUGG 17

RESULT 414
3-09-877-478-1214/c
Sequence 1214, Application US/09877478
Publication No. US20030068301A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Draper, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Morrissey, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: MHB00-845-H (400/029)
CURRENT APPLICATION NUMBER: US 09/877,478
CURRENT FILING DATE: 2001-12-31
PRIOR APPLICATION NUMBER: US 07/882,712
PRIOR FILING DATE: 1992-05-14
PRIOR APPLICATION NUMBER: US 09/531,025
PRIOR FILING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR FILING DATE: 2000-08-09
PRIOR APPLICATION NUMBER: US 09/696,347
PRIOR FILING DATE: 2000-10-24
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR FILING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 08/433,993
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 08/434,504
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6586
SOFTWARE: PatentIn version 3.0
```

```
SEQ ID NO 1214
LENGTH: 17
TYPE: RNA
ORGANISM: Hepatitis B virus
US-09-877-478-1214

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 969 AGGACATGTGGAGCAC 985
      |||||
DB 17 AGGAATGTGAACACCAC 1

RESULT 415
US-09-877-478-1779/c
Sequence 1779, Application US/09877478
Publication No. US20030068301A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Draper, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Morrissey, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: MHB00-845-H (400/029)
CURRENT APPLICATION NUMBER: US 09/877,478
CURRENT FILING DATE: 2001-12-31
PRIOR APPLICATION NUMBER: US 07/882,712
PRIOR FILING DATE: 1992-05-14
PRIOR APPLICATION NUMBER: US 09/531,025
PRIOR FILING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR FILING DATE: 2000-08-09
PRIOR APPLICATION NUMBER: US 09/696,347
PRIOR FILING DATE: 2000-10-24
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR FILING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 08/433,993
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 08/434,504
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6586
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1779
LENGTH: 17
TYPE: RNA
ORGANISM: Hepatitis B virus
US-09-877-478-1779

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 618 AAAAAACAAATATAT 634
      |||||
DB 17 AAAAGACACCAATATAT 1

RESULT 416
US-09-877-478-1851/c
Sequence 1851, Application US/09877478
Publication No. US20030068301A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Draper, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Morrissey, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
```

FILE REFERENCE: MHB00-845-H (400/029)
CURRENT APPLICATION NUMBER: US/09/877,478
CURRENT FILING DATE: 2001-12-31
PRIOR APPLICATION NUMBER: US 07/882,712
PRIOR FILING DATE: 1992-05-14
PRIOR APPLICATION NUMBER: US 09/531,025
PRIOR FILING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR FILING DATE: 2000-08-09
PRIOR APPLICATION NUMBER: US 09/696,347
PRIOR FILING DATE: 2000-10-24
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR FILING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 08/433,993
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 08/434,504
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6586
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1851
LENGTH: 17
TYPE: RNA
ORGANISM: Hepatitis B virus
US-09-877-478-1851

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 956 CAGTGATGTTGGAGGA 972
DB 17 CTGTGCTATTGGAGGA 1

RESULT 417
US-09-877-478-1915
Sequence 1915, Application US/09877478
Publication No. US20030068301A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Draper, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Morrissey, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
CURRENT APPLICATION NUMBER: US/09/877,478
CURRENT FILING DATE: 2001-12-31
PRIOR APPLICATION NUMBER: US 07/882,712
PRIOR FILING DATE: 1992-05-14
PRIOR APPLICATION NUMBER: US 09/531,025
PRIOR FILING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR FILING DATE: 2000-08-09
PRIOR APPLICATION NUMBER: US 09/696,347
PRIOR FILING DATE: 2000-10-24
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR FILING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 08/433,993
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 08/434,504
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6586
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1915
LENGTH: 17
TYPE: RNA
ORGANISM: Hepatitis B virus
US-09-877-478-1915

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 4.5e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;
QY 1221 TTGGGTACCCAGTTAAA 1237
DB 1 UUGGUAUACAUUAAA 17

RESULT 418
US-09-877-478-2072/c
Sequence 2072, Application US/09877478
Publication No. US20030068301A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Draper, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Morrissey, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
CURRENT APPLICATION NUMBER: US/09/877,478
CURRENT FILING DATE: 2001-12-31
PRIOR APPLICATION NUMBER: US 07/882,712
PRIOR FILING DATE: 1992-05-14
PRIOR APPLICATION NUMBER: US 09/531,025
PRIOR FILING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR FILING DATE: 2000-08-09
PRIOR APPLICATION NUMBER: US 09/696,347
PRIOR FILING DATE: 2000-10-24
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR FILING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 08/433,993
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 08/434,504
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6586
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2072
LENGTH: 17
TYPE: RNA
ORGANISM: Hepatitis B virus
US-09-877-478-2072

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 969 AGGACATGTGGAGCAC 985
DB 17 AGGAAATGTGAAACCAC 1

RESULT 419
US-09-848-754A-265/c
Sequence 265, Application US/09848754A
Publication No. US20030073207A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
FILE REFERENCE: MHB00-958-I (400/018)
CURRENT APPLICATION NUMBER: US/09/848,754A
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 9645
SOFTWARE: PatentIn version 3.0
SEQ ID NO 265
LENGTH: 17
TYPE: RNA

```

; ORGANISM: Homo sapiens
US-09-848-754A-265

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2y 981 AGCACTTTAACTTTT 997
    |||||
1b 17 AGCACTTGAATCTTT 1

RESULT 420
US-09-848-754A-775/c
; Sequence 775, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MEBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 775
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-775

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

4y 514 TTCCTGGTAAATTTGA 530
    |||||
1b 17 TTCCTGATATTTGA 1

RESULT 421
US-09-848-754A-2525/c
; Sequence 2525, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MEBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2525
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2525

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 1436 ATTCTTGCCTGTTGA 1452
    |||||
1b 17 AATGTTGCTGGTTGCA 1

RESULT 422
US-09-848-754A-2813
; Sequence 2813, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MEBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2813
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2813

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 4.5e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

Qy 1603 AATAGAAACATTTAAA 1619
    ||:|||||:
Db 1  AUAUAUAACACUUCRA 17

RESULT 423
US-09-848-754A-3039/c
; Sequence 3039, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MEBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3039
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-3039

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1316 AATCTAGTTTGATCT 1332
    ||:|||||:
Db 1  AACCTAGTTTCATAT 1

RESULT 424
US-09-848-754A-3713
; Sequence 3713, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MEBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3713
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-3713

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 4.5e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

```

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QY 1082 ACAATTGGAATAAG 1098
Db 1 ACAUUGAGCACCAUAG 17

RESULT 425
US-09-943-983-84/c
; Sequence 84, Application US/09943983
; Publication No. US20030077575A1
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; LOUWAGIE, JOOST
; ROSSAU, RUDI
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED
; MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE
; NUMBER OF SEQUENCES: 164
; CORRESPONDENCE ADDRESS:
; ADDRESSER: ARNOLD, WHITE & DURKEE
; STREET: P.O. BOX 4433
; CITY: HOUSTON
; STATE: TEXAS
; COUNTRY: USA
; ZIP: 77210-4433
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 6.0 / ASCII text output
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/943,983
; FILING DATE: 31-Aug-2001
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/913,833
; FILING DATE: 1997-09-15
; APPLICATION NUMBER: EP 96870005.4
; FILING DATE: 26 Jan 1996
; APPLICATION NUMBER: EP 96870081.5
; FILING DATE: 25 Jun 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: KAMMERER, PATRICIA A.
; REGISTRATION NUMBER: 29,775
; REFERENCE/DOCKET NUMBER: INNS:008
; INFORMATION FOR SEQ ID NO: 84:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 84:
US-09-943-983-84
Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1043 AATTATATATATATAT 1059
Db 17 ATCATATATATATAT 1

RESULT 426
US-09-776-474-421
; Sequence 421, Application US/09776474
; Publication No. US20030087847A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Bocher, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: McSwiggen, Jim

QY 1082 ACAATTGGAATAAG 1098
Db 1 ACAUUGAGCACCAUAG 17

RESULT 425
US-09-943-983-84/c
; Sequence 84, Application US/09943983
; Publication No. US20030077575A1
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; LOUWAGIE, JOOST
; ROSSAU, RUDI
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED
; MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE
; NUMBER OF SEQUENCES: 164
; CORRESPONDENCE ADDRESS:
; ADDRESSER: ARNOLD, WHITE & DURKEE
; STREET: P.O. BOX 4433
; CITY: HOUSTON
; STATE: TEXAS
; COUNTRY: USA
; ZIP: 77210-4433
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 6.0 / ASCII text output
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/943,983
; FILING DATE: 31-Aug-2001
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/913,833
; FILING DATE: 1997-09-15
; APPLICATION NUMBER: EP 96870005.4
; FILING DATE: 26 Jan 1996
; APPLICATION NUMBER: EP 96870081.5
; FILING DATE: 25 Jun 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: KAMMERER, PATRICIA A.
; REGISTRATION NUMBER: 29,775
; REFERENCE/DOCKET NUMBER: INNS:008
; INFORMATION FOR SEQ ID NO: 84:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 84:
US-09-943-983-84
Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1043 AATTATATATATATAT 1059
Db 17 ATCATATATATATAT 1

RESULT 426
US-09-776-474-421
; Sequence 421, Application US/09776474
; Publication No. US20030087847A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Bocher, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: McSwiggen, Jim

QY 949 TACCTCACATGATGTT 965
Db 1 UAAUCACAGGGAUUAU 17

RESULT 427
US-09-776-474-840
; Sequence 840, Application US/09776474
; Publication No. US20030087847A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Bocher, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: Fattaey, Ali
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (Ch
; FILE REFERENCE: MHEB00-955-A (400/008)
; CURRENT APPLICATION NUMBER: US/09/776,474
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,983
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 2992
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 840
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-776-474-840
Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 4.5e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 949 TACCTCACATGATGTT 965
Db 1 UAAUCACAGGGAUUAU 17

RESULT 427
US-09-776-474-840
; Sequence 840, Application US/09776474
; Publication No. US20030087847A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Bocher, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: Fattaey, Ali
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (Ch
; FILE REFERENCE: MHEB00-955-A (400/008)
; CURRENT APPLICATION NUMBER: US/09/776,474
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,983
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 2992
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 840
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-776-474-840
Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 47.1%; Pred. No. 4.5e+02;
Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 462 CACTTCATGATGTTGTT 478
Db 1 CACUUCAGGUGGUGU 17

RESULT 428
US-09-930-423-47/c
; Sequence 47, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
```

TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
 FILE REFERENCE: MEH00,918-A 400/027
 CURRENT APPLICATION NUMBER: US/09/930,423
 CURRENT FILING DATE: 2001-08-15
 NUMBER OF SEQ ID NOS: 4553
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 47
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo Sapiens
 S-09-930-423-47

Query Match 1.0%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 952 CTCACAGTCATTTTGG 968
 b 17 CGCACAGTGACGTTGG 1

RESULT 429
 S-09-930-423-605/c
 Sequence 605, Application US/09930423
 Publication No. US20030092003A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Blatt, Larry
 TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
 FILE REFERENCE: MEH00,918-A 400/027
 CURRENT APPLICATION NUMBER: US/09/930,423
 CURRENT FILING DATE: 2001-08-15
 NUMBER OF SEQ ID NOS: 4553
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 605
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo Sapiens
 S-09-930-423-605

Query Match 1.0%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 797 TTTGCCATAAGTCAAA 813
 b 17 TTTACCACAGAGTCAAA 1

RESULT 430
 S-09-930-423-1272/c
 Sequence 1272, Application US/09930423
 Publication No. US20030092003A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Blatt, Larry
 TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
 FILE REFERENCE: MEH00,918-A 400/027
 CURRENT APPLICATION NUMBER: US/09/930,423
 CURRENT FILING DATE: 2001-08-15
 NUMBER OF SEQ ID NOS: 4553
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 1272
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo Sapiens
 S-09-930-423-1272

Query Match 1.0%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 952 CTCACAGTCATTTTGG 968
 b 17 CGCACAGTGACGTTGG 1

RESULT 429
 S-09-930-423-605/c
 Sequence 605, Application US/09930423
 Publication No. US20030092003A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Blatt, Larry
 TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
 FILE REFERENCE: MEH00,918-A 400/027
 CURRENT APPLICATION NUMBER: US/09/930,423
 CURRENT FILING DATE: 2001-08-15
 NUMBER OF SEQ ID NOS: 4553
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 605
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo Sapiens
 S-09-930-423-605

Query Match 1.0%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 862 TCTGCTAGCCAGGATCC 878
 Db 17 TCTCTAGCCAGAAACC 1

RESULT 431
 US-09-930-423-1654/c
 Sequence 1654, Application US/09930423
 Publication No. US20030092003A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Blatt, Larry
 TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
 FILE REFERENCE: MEH00,918-A 400/027
 CURRENT APPLICATION NUMBER: US/09/930,423
 CURRENT FILING DATE: 2001-08-15
 NUMBER OF SEQ ID NOS: 4553
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 1654
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo Sapiens
 US-09-930-423-1654

Query Match 1.0%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 863 CTGCTAGCCAGGATCCA 879
 Db 17 CTCTAGCCAGAAACCA 1

Query Match 1.0%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

RESULT 432
 US-09-780-164-163/c
 Sequence 163, Application US/09780164
 Publication No. US20030092646A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Blatt, Larry
 TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
 FILE REFERENCE: 400/010
 CURRENT APPLICATION NUMBER: US/09/780,164
 CURRENT FILING DATE: 2001-02-09
 PRIOR APPLICATION NUMBER: 60/185,516
 PRIOR FILING DATE: 2000-02-28
 NUMBER OF SEQ ID NOS: 2603
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 163
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-09-780-164-163

Query Match 1.0%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1175 ATTGATATAATTCAAT 1191
 Db 17 ATTGGAATATTTCAAT 1

RESULT 433
 US-09-780-164-763
 Sequence 763, Application US/09780164
 Publication No. US20030092646A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Blatt, Larry

APPLICANT: McSwiggen, Jim
 TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
 FILE REFERENCE: 400/010
 CURRENT APPLICATION NUMBER: US/09/780,164
 PRIOR FILING DATE: 2001-02-09
 PRIOR APPLICATION NUMBER: 60/185,516
 PRIOR FILING DATE: 2000-02-28
 NUMBER OF SEQ ID NOS: 2603
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 763
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-09-780-164-763

Query Match 1.0%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 64.7%; Pred. No. 4.5e+02;
 Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Y 444 CAAGCAATCTACTTCA 460
 |||||:|:|
 b 1 CACGCAAGCUUCUCA 17

RESULT 434
 US-09-780-164-844/c
 Sequence 844, Application US/09/780164
 Publication No. US20030092646A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Blatt, Larry
 APPLICANT: McSwiggen, Jim
 TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
 FILE REFERENCE: 400/010
 CURRENT APPLICATION NUMBER: US/09/780,164
 PRIOR FILING DATE: 2001-02-09
 PRIOR APPLICATION NUMBER: 60/185,516
 PRIOR FILING DATE: 2000-02-28
 NUMBER OF SEQ ID NOS: 2603
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 844
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-09-780-164-844

Query Match 1.0%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 609 TGAATCTACAAAACA 625
 |||||:|:|
 b 1 TGTATTACAAAACA 17

RESULT 435
 US-09-780-164-907
 Sequence 907, Application US/09/780164
 Publication No. US20030092646A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Blatt, Larry
 APPLICANT: McSwiggen, Jim
 TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
 FILE REFERENCE: 400/010
 CURRENT APPLICATION NUMBER: US/09/780,164
 PRIOR FILING DATE: 2001-02-09
 PRIOR APPLICATION NUMBER: 60/185,516
 PRIOR FILING DATE: 2000-02-28
 NUMBER OF SEQ ID NOS: 2603
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 907
 LENGTH: 17

TYPE: RNA
 ORGANISM: Homo sapiens
 US-09-780-164-907

Query Match 1.0%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 70.6%; Pred. No. 4.5e+02;
 Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Y 424 TGAAGATGCCAGTGAAA 440
 :|||:|:|
 b 1 UGAAGAGACAUUGAAA 17

RESULT 436
 US-09-923-327-170
 Sequence 170, Application US/09923327
 Publication No. US20030092636A1
 GENERAL INFORMATION:
 APPLICANT: MURPHY, Patricia D.
 TITLE OF INVENTION: Determining Common Functional Alleles in a Population and Uses T
 FILE REFERENCE: 044921-5054-02
 CURRENT APPLICATION NUMBER: US/09/923,327
 CURRENT FILING DATE: 2002-04-01
 PRIOR APPLICATION NUMBER: US 08/598,591
 PRIOR FILING DATE: 1996-02-12
 PRIOR APPLICATION NUMBER: US 08/798,891
 PRIOR FILING DATE: 1997-02-12
 PRIOR APPLICATION NUMBER: US 08/905,772
 PRIOR FILING DATE: 1997-08-04
 PRIOR APPLICATION NUMBER: US 09/084,471
 PRIOR FILING DATE: 1998-05-22
 PRIOR APPLICATION NUMBER: US 09/129,134
 PRIOR FILING DATE: 1998-08-04
 PRIOR APPLICATION NUMBER: US 09/524,794
 PRIOR FILING DATE: 2000-03-14
 NUMBER OF SEQ ID NOS: 260
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 170
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-923-327-170

Query Match 1.0%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 427 AGATGCCAGTGAACTT 443
 |||||:|:|
 b 1 ACATGACAGTGACTT 17

RESULT 437
 US-09-740-332-55/c
 Sequence 55, Application US/09740332
 Publication No. US20030125270A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals Inc.
 TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
 TITLE OF INVENTION: Hepatitis C Virus Infection
 FILE REFERENCE: RPI 400/003
 CURRENT APPLICATION NUMBER: US/09/740,332
 CURRENT FILING DATE: 2001-03-26
 NUMBER OF SEQ ID NOS: 9704
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 55
 LENGTH: 17
 TYPE: RNA
 ORGANISM: artificial sequence
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION:
 OTHER INFORMATION: oligonucleotide substrate

S-09-740-332-55

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 853 CAACCTAGTCTGCTAG 869
| | | | |
b 17 CAACACTACTGGCTAG 1

RESULT 438

S-09-740-332-507/c
Sequence 507, Application US/09740332
Publication No. US20030125270A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
FILE REFERENCE: RPI 400/003
CURRENT APPLICATION NUMBER: US/09/740,332
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9704
SOFTWARE: PatentIn version 3.0
SEQ ID NO 507
LENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
S-09-740-332-507

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 654 CCTAGATATTGCACGG 670
| | | | |
b 17 CCGCGATGTTGCACGG 1

RESULT 439

S-09-745-237A-47/c
Sequence 47, Application US/09745237A
Publication No. US20030143708A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: 400/007 (MEHB00-918-A)
CURRENT APPLICATION NUMBER: US/09/745,237A
CURRENT FILING DATE: 2002-04-15
NUMBER OF SEQ ID NOS: 4550
SOFTWARE: PatentIn version 3.0
SEQ ID NO 47
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
S-09-745-237A-47

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 952 CTCACAGTCACTGTTGG 968
| | | | |
b 17 CGCACAGTCACTGTTGG 1

RESULT 440

US-09-745-237A-605/c

Sequence 605, Application US/09745237A
Publication No. US20030143708A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: 400/007 (MEHB00-918-A)
CURRENT APPLICATION NUMBER: US/09/745,237A
CURRENT FILING DATE: 2002-04-15
NUMBER OF SEQ ID NOS: 4550
SOFTWARE: PatentIn version 3.0
SEQ ID NO 605
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-745-237A-605

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 797 TTGCCATTAAGTCAAA 813
| | | | |
Db 17 TTACCAGAGATCAA 1

RESULT 441

US-09-745-237A-1272/c
Sequence 1272, Application US/09745237A
Publication No. US20030143708A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: 400/007 (MEHB00-918-A)
CURRENT APPLICATION NUMBER: US/09/745,237A
CURRENT FILING DATE: 2002-04-15
NUMBER OF SEQ ID NOS: 4550
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1272
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-745-237A-1272

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 862 TCTGCTAGCCAGATCC 878
| | | | |
Db 17 TCTCTAGCCAGAAACC 1

RESULT 442

US-09-745-237A-1654/c
Sequence 1654, Application US/09745237A
Publication No. US20030143708A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: 400/007 (MEHB00-918-A)
CURRENT APPLICATION NUMBER: US/09/745,237A
CURRENT FILING DATE: 2002-04-15
NUMBER OF SEQ ID NOS: 4550
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1654
LENGTH: 17

TYPE: RNA
ORGANISM: Homo sapiens
US-09-745-237A-1654

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 863 CTGCTAGCCAGATCCA 879
DB 17 CTCCTAGCCAGAACCA 1

RESULT 443

US-09-792-818-243
Sequence 243, Application US/09792818
Publication No. US20030134806A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Jarvis, Thale
APPLICANT: Von Carlowitz, Ira
APPLICANT: McSwiggen, Jim
APPLICANT: Hamblin, Paul
APPLICANT: Ellis, Jonathan
TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
FILE REFERENCE: MREB00-901-A (400/013)
CURRENT APPLICATION NUMBER: US/09/792,818
CURRENT FILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 2304
SOFTWARE: Patent in version 3.0
SEQ ID NO 243
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens

US-09-792-818-243

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 4.5e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 1071 ATATTGTGCAAGAAATT 1087
DB 1 AUAUGUGCCCAAGAAU 17

RESULT 444

US-09-792-818-244
Sequence 244, Application US/09792818
Publication No. US20030134806A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Jarvis, Thale
APPLICANT: Von Carlowitz, Ira
APPLICANT: McSwiggen, Jim
APPLICANT: Hamblin, Paul
APPLICANT: Ellis, Jonathan
TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
FILE REFERENCE: MREB00-901-A (400/013)
CURRENT APPLICATION NUMBER: US/09/792,818
CURRENT FILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 2304
SOFTWARE: Patent in version 3.0
SEQ ID NO 244
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens

US-09-792-818-244

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 47.1%; Pred. No. 4.5e+02;
Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 1072 TATTGTGCAAGAAATT 1088
DB 1 UAUGUGCCCAAGAAU 17

RESULT 445

US-09-792-818-558
Sequence 558, Application US/09792818
Publication No. US20030134806A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Jarvis, Thale
APPLICANT: Von Carlowitz, Ira
APPLICANT: McSwiggen, Jim
APPLICANT: Hamblin, Paul
APPLICANT: Ellis, Jonathan
TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
FILE REFERENCE: MREB00-901-A (400/013)
CURRENT APPLICATION NUMBER: US/09/792,818
CURRENT FILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 2304
SOFTWARE: Patent in version 3.0
SEQ ID NO 558
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 4.5e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 1622 ATATTGTGTCGAAG 1638
DB 1 AUAACUCGUGUCRAAG 17

RESULT 446

US-09-792-818-586
Sequence 586, Application US/09792818
Publication No. US20030134806A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Jarvis, Thale
APPLICANT: Von Carlowitz, Ira
APPLICANT: McSwiggen, Jim
APPLICANT: Hamblin, Paul
APPLICANT: Ellis, Jonathan
TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
FILE REFERENCE: MREB00-901-A (400/013)
CURRENT APPLICATION NUMBER: US/09/792,818
CURRENT FILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 2304
SOFTWARE: Patent in version 3.0
SEQ ID NO 586
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 4.5e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1407 CAGCCAAACTCCACAG 1423
DB 1 CAGCCAGAGCUCCCAG 17

RESULT 447

S-10-310-294-53/c
Sequence 53, Application US/10310294
Publication No. US20030148985A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Morrissey, James
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE INHIBITION OF HEPATITIS B VIRUS REPLICATION
FILE REFERENCE: 01/1728-A 400/072
CURRENT APPLICATION NUMBER: US/10/310,294
PRIORITY FILING DATE: 2002-12-05
NUMBER OF SEQ ID NOS: 128
SOFTWARE: PatentIn version 3.0
SEQ ID NO 53
LENGTH: 17
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: HBV Decoy Nucleic Acid
S-10-310-294-53

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1103 TGAATCATGATGTAAT 1119
D 17 TGAATGAATGAATGAAT 1

RESULT 448
S-10-310-294-56/c
Sequence 56, Application US/10310294
Publication No. US20030148985A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Morrissey, James
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE INHIBITION OF HEPATITIS B VIRUS REPLICATION
FILE REFERENCE: 01/1728-A 400/072
CURRENT APPLICATION NUMBER: US/10/310,294
PRIORITY FILING DATE: 2002-12-05
NUMBER OF SEQ ID NOS: 128
SOFTWARE: PatentIn version 3.0
SEQ ID NO 56
LENGTH: 17
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: HBV Decoy Nucleic Acid
S-10-310-294-56

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1102 ATGATCATGATGTAAT 1118
D 17 ATGATGAATGAATGAAT 1

RESULT 449
S-10-238-700-146/c
Sequence 146, Application US/10238700
Publication No. US20030153521A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
FILE REFERENCE: 400/057 (WBHB01-1158-A)
CURRENT APPLICATION NUMBER: US/10/238,700
PRIORITY FILING DATE: 2002-09-18
NUMBER OF SEQ ID NOS: 4666
SOFTWARE: PatentIn version 3.0
SEQ ID NO 429
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens

PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/318,471
PRIOR FILING DATE: 2001-09-10
NUMBER OF SEQ ID NOS: 4666
SOFTWARE: PatentIn version 3.0
SEQ ID NO 146
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-238-700-146

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1330 ACTCCCACTCTGTGCAT 1345
DB 17 ACACCTGTCTGTGCTT 1

RESULT 450
US-10-238-700-207/c
Sequence 207, Application US/10238700
Publication No. US20030153521A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
FILE REFERENCE: 400/057 (WBHB01-1158-A)
CURRENT APPLICATION NUMBER: US/10/238,700
PRIORITY FILING DATE: 2002-09-18
NUMBER OF SEQ ID NOS: 4666
SOFTWARE: PatentIn version 3.0
SEQ ID NO 207
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-238-700-207

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 636 TTGATATATAGGATTT 652
DB 17 TTATTAATATAGCATTT 1

RESULT 451
US-10-238-700-429
Sequence 429, Application US/10238700
Publication No. US20030153521A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
FILE REFERENCE: 400/057 (WBHB01-1158-A)
CURRENT APPLICATION NUMBER: US/10/238,700
PRIORITY FILING DATE: 2002-09-18
NUMBER OF SEQ ID NOS: 4666
SOFTWARE: PatentIn version 3.0
SEQ ID NO 429
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens

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; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 582
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-582

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1393 TAGAACTATTAAACAG 1409
Db      17  TACAGTATTAAACTG 1

RESULT 459
US-10-238-700-619/c
; Sequence 619, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Leve
; FILE REFERENCE: 400/057 (MEH001-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 619
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-619

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      932 AGTATTAGCCACCATCT 948
Db      17  AGCATCAGCCACCATCT 1

RESULT 460
US-10-238-700-732
; Sequence 732, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Leve
; FILE REFERENCE: 400/057 (MEH001-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 732
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-732

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 47.1%; Pred. No. 4.5e+02;

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Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;
QY 1059 TTTAGCATCAATATT 1075
Db 1 UUUUUCAGCAAAUUD 17
RESULT 461
US-10-238-700-734
; Sequence 734, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Leve
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 734
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-734
Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 4.5e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;
QY 624 CACCAAAUUAUUGCA 640
Db 1 CAGCAAAUUAUUGCA 17
RESULT 462
US-10-238-700-792
; Sequence 792, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Leve
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 792
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-792
Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 4.5e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
QY 426 AACATGCCAGTGAAC 442
Db 1 ACGAUUCCACUGAACT 17
RESULT 463
US-10-238-700-799
; Sequence 799, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Leve
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 799
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-799
Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 47.1%; Pred. No. 4.5e+02;
Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;
QY 1488 TTATTAAATGACTGCA 1504
Db 1 UUGUUAUAUACUUCUA 17
RESULT 464
US-10-238-700-844/c
; Sequence 844, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Leve
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 844
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-844
Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1257 ACAATAATTTTGTAGT 1273
Db 17 ACTATTAAATTTTGTAGT 1
RESULT 465
US-10-238-700-911
; Sequence 911, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Leve
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
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PRIOR APPLICATION NUMBER: PCT/US 02/16840
 PRIOR FILING DATE: 2002-05-29
 PRIOR APPLICATION NUMBER: US 60/318,471
 PRIOR FILING DATE: 2001-09-10
 NUMBER OF SEQ ID NOS: 4666
 SOFTWARE: Patent in version 3.0
 SEQ ID NO 911
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-10-238-700-911

Query Match 1.0%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 35.3%; Pred. No. 4.5e+02;
 Matches 6; Conservative 8; Mismatches 3; Indels 0; Gaps 0;

NY 1290 TTATCTGAATTTTAT 1306
 Db 1 UUAUGUACUUGAAU 17

RESULT 466
 US-10-238-700-923/c
 ; Sequence 923, Application US/10238700
 ; Publication No. US20030153521A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: McSwiggen, James
 ; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
 ; FILE REFERENCE: 400/057 (MEH01-1158-A)
 ; CURRENT APPLICATION NUMBER: US/10/238,700
 ; CURRENT FILING DATE: 2002-09-18
 ; PRIOR APPLICATION NUMBER: PCT/US 02/16840
 ; PRIOR FILING DATE: 2002-05-29
 ; PRIOR APPLICATION NUMBER: US 60/318,471
 ; PRIOR FILING DATE: 2001-09-10
 ; NUMBER OF SEQ ID NOS: 4666
 ; SOFTWARE: Patent in version 3.0
 ; SEQ ID NO 923
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-10-238-700-923

Query Match 1.0%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1601 TAAATATGAACATTTA 1617
 Db 17 TAATAGGTAACATTTA 1

RESULT 467
 US-10-238-700-942
 ; Sequence 942, Application US/10238700
 ; Publication No. US20030153521A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: McSwiggen, James
 ; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
 ; FILE REFERENCE: 400/057 (MEH01-1158-A)
 ; CURRENT APPLICATION NUMBER: US/10/238,700
 ; CURRENT FILING DATE: 2002-09-18
 ; PRIOR APPLICATION NUMBER: PCT/US 02/16840
 ; PRIOR FILING DATE: 2002-05-29
 ; PRIOR APPLICATION NUMBER: US 60/318,471
 ; PRIOR FILING DATE: 2001-09-10
 ; NUMBER OF SEQ ID NOS: 4666
 ; SOFTWARE: Patent in version 3.0
 ; SEQ ID NO 942
 ; LENGTH: 17
 ; TYPE: RNA

; ORGANISM: Homo sapiens
 US-10-238-700-942

Query Match 1.0%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 52.9%; Pred. No. 4.5e+02;
 Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 1069 AAATATTTGTCAAGAA 1085
 Db 1 ACUGUUGUGAAGAA 17

RESULT 468
 US-10-238-700-1122/c
 ; Sequence 1122, Application US/10238700
 ; Publication No. US20030153521A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: McSwiggen, James
 ; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
 ; FILE REFERENCE: 400/057 (MEH01-1158-A)
 ; CURRENT APPLICATION NUMBER: US/10/238,700
 ; CURRENT FILING DATE: 2002-09-18
 ; PRIOR APPLICATION NUMBER: PCT/US 02/16840
 ; PRIOR FILING DATE: 2002-05-29
 ; PRIOR APPLICATION NUMBER: US 60/318,471
 ; PRIOR FILING DATE: 2001-09-10
 ; NUMBER OF SEQ ID NOS: 4666
 ; SOFTWARE: Patent in version 3.0
 ; SEQ ID NO 1122
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-10-238-700-1122

Query Match 1.0%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1125 TAAAGATGTTATAGTAA 1141
 Db 17 TAACATGTHACATTA 1

RESULT 469
 US-10-238-700-1174
 ; Sequence 1174, Application US/10238700
 ; Publication No. US20030153521A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: McSwiggen, James
 ; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
 ; FILE REFERENCE: 400/057 (MEH01-1158-A)
 ; CURRENT APPLICATION NUMBER: US/10/238,700
 ; CURRENT FILING DATE: 2002-09-18
 ; PRIOR APPLICATION NUMBER: PCT/US 02/16840
 ; PRIOR FILING DATE: 2002-05-29
 ; PRIOR APPLICATION NUMBER: US 60/318,471
 ; PRIOR FILING DATE: 2001-09-10
 ; NUMBER OF SEQ ID NOS: 4666
 ; SOFTWARE: Patent in version 3.0
 ; SEQ ID NO 1174
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-10-238-700-1174

Query Match 1.0%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 35.3%; Pred. No. 4.5e+02;
 Matches 6; Conservative 8; Mismatches 3; Indels 0; Gaps 0;

QY 1533 ACTTAAAGATGTTTAA 1549
 Db 17 TAACATGTHACATTA 1

db 1 ACUUUAAAGUUUAUA 17

RESULT 470

JS-10-238-700-3376/c
; Sequence 3376, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MRB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3376
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
JS-10-238-700-3376

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

db 431 CCCAGTGAACCTTCAAG 447
17 GCCAGTGCATACCAG 1

RESULT 471

JS-10-061-201-864/c
; Sequence 864, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 864
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
JS-10-061-201-864

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1333 CCCAGTCTTGTCTATTG 1349
DB 17 CTCACCTCTGTGCTTGC 1

RESULT 472

US-10-061-201-865/c
; Sequence 865, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 865
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-865

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1332 TCCAGTCTTGTCTATTG 1348
DB 17 TCTCACTCTGTGCTTGC 1

RESULT 473

US-10-061-201-992/c
; Sequence 992, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 864
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
JS-10-061-201-864

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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/328,205
PRIOR FILING DATE: 2001-10-10
NUMBER OF SEQ ID NOS: 4162
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 992
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
3-10-061-201-1589
Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
/ 507 TTGATCTACAAAAA 623
17 TTGGCTCTACAAACA 1
RESULT 474
S-10-061-201-1589/c
Sequence 1589, Application US/10061201
Publication No. US20030166229A1
GENERAL INFORMATION:
APPLICANT: Shannon, Mark
TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
CURRENT FILING DATE: 2003-01-30
CURRENT APPLICATION NUMBER: US/10/061,201
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-10-10
NUMBER OF SEQ ID NOS: 4162
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 1589
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
3-10-061-201-1589
Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
/ 1083 GAATTGGAATAAGATA 1099
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/328,205
PRIOR FILING DATE: 2001-10-10
NUMBER OF SEQ ID NOS: 4162
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 1589
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
3-10-061-201-1589
Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
/ 1083 GAATTGGAATAAGATA 1099
Db 17 GAGTCTGGAATAAGATA 1
RESULT 475
US-10-241-780-110
; Sequence 110, Application US/10241780
; Publication No. US20030165821A1
; GENERAL INFORMATION:
; APPLICANT: VAN DOORN, Leen-Jan et al.
; TITLE OF INVENTION: Detection and identification of Human Papillomavirus by PCR and t
; FILE REFERENCE: 3501-0101P
; CURRENT APPLICATION NUMBER: US/10/241,780
; CURRENT FILING DATE: 2002-09-11
; PRIOR APPLICATION NUMBER: 09/527,030
; PRIOR FILING DATE: 2000-03-16
; NUMBER OF SEQ ID NOS: 497
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 110
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Type specific probe derived from the Human Papillomavirus (HPV)
US-10-241-780-110
Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1619 AATAATAATTGTTGTCA 1635
1 ATGGAATTGTGGCA 17
Db 1 ATGGAATTGTGGCA 17
RESULT 476
US-10-339-782-148/c
; Sequence 148, Application US/10339782
; Publication No. US20030166026A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Goodman, Laurie J
; APPLICANT: Bowen, Benjamin A
; TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells
; FILE REFERENCE: 37-000110US
; CURRENT APPLICATION NUMBER: US/10/339,782
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 495
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 148
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-782-148
Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1198 TTTTAGATTAAACAAC 1214
17 TTTTAGATTACACGATC 1
Db 17 TTTTAGATTACACGATC 1
RESULT 477
US-10-339-782-296
; Sequence 236, Application US/10339782
; Publication No. US20030166026A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Goodman, Laurie J
; APPLICANT: Bowen, Benjamin A
```


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SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 18

LENGTH: 17

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence:

OTHER INFORMATION: Oligonucleotide specific for Glu(GAA)

S-10-305-633-18

Query Match 1.0%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 4.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1363 AGTCTGTGTGTAATTA 1379

b 17 AATGCTGTGTAGAAATA 1

RESULT 482

S-10-230-006-1702

Sequence 1702, Application US/10230006

Publication No. US20030191077A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Fosnaugh, Kathy

APPLICANT: McSwigger, Jim

TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC COND

FILE REFERENCE: 400/056 (MEHBO1-1110)

CURRENT APPLICATION NUMBER: US/10/230,006

CURRENT FILING DATE: 2002-11-18

PRIOR APPLICATION NUMBER: US 60/315,315

PRIOR FILING DATE: 2001-08-28

NUMBER OF SEQ ID NOS: 2678

SOFTWARE: PatentIn version 3.0

SEQ ID NO 1702

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

S-10-230-006-1702

Query Match 1.0%; Score 12.2; DB 1; Length 17;

Best Local Similarity 35.3%; Pred. No. 4.5e+02;

Matches 6; Conservative 8; Mismatches 3; Indels 0; Gaps 0;

Y 1291 TATCTGAATTTTAAAT 1307

b 1 UAUCUGUGAUUCAAU 17

RESULT 483

S-10-230-006-2243/c

Sequence 2243, Application US/10230006

Publication No. US20030191077A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Fosnaugh, Kathy

APPLICANT: McSwigger, Jim

TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC COND

FILE REFERENCE: 400/056 (MEHBO1-1110)

CURRENT APPLICATION NUMBER: US/10/230,006

CURRENT FILING DATE: 2002-11-18

PRIOR APPLICATION NUMBER: US 60/315,315

PRIOR FILING DATE: 2001-08-28

NUMBER OF SEQ ID NOS: 2678

SOFTWARE: PatentIn version 3.0

SEQ ID NO 2243

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

S-10-230-006-2243

Query Match 1.0%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 4.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 944 CATCTTACCTCAGTGTG 960

Db 17 CAGCTTACCACAGAGTG 1

RESULT 484

US-10-209-787-563

Sequence 563, Application US/10209787

Publication No. US20030217377A1

GENERAL INFORMATION:

APPLICANT: Kmiec, Eric B.

APPLICANT: Gamper, Howard B.

APPLICANT: Rice, Michael C.

TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single

TITLE OF INVENTION: Stranded Oligonucleotides

FILE REFERENCE: Napro-4

CURRENT APPLICATION NUMBER: US/10/209,787

CURRENT FILING DATE: 2002-07-30

PRIOR APPLICATION NUMBER: US 09/818,875

PRIOR FILING DATE: 2001-03-27

PRIOR APPLICATION NUMBER: US 60/192,176

PRIOR FILING DATE: 2000-03-27

PRIOR APPLICATION NUMBER: US 60/192,179

PRIOR FILING DATE: 2000-03-27

PRIOR APPLICATION NUMBER: US 60/208,538

PRIOR FILING DATE: 2000-06-01

PRIOR APPLICATION NUMBER: US 60/244,989

PRIOR FILING DATE: 2000-10-30

NUMBER OF SEQ ID NOS: 4385

SOFTWARE: Friedman macro Napro4

SEQ ID NO 563

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-10-209-787-563

Query Match 1.0%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 4.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1373 TGAATTACCGAATAATG 1389

Db 1 TGTATTACCGAGTAATG 17

RESULT 485

US-10-209-787-564/c

Sequence 564, Application US/10209787

Publication No. US20030217377A1

GENERAL INFORMATION:

APPLICANT: Kmiec, Eric B.

APPLICANT: Gamper, Howard B.

APPLICANT: Rice, Michael C.

TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single

TITLE OF INVENTION: Stranded Oligonucleotides

FILE REFERENCE: Napro-4

CURRENT APPLICATION NUMBER: US/10/209,787

CURRENT FILING DATE: 2002-07-30

PRIOR APPLICATION NUMBER: US 09/818,875

PRIOR FILING DATE: 2001-03-27

PRIOR APPLICATION NUMBER: US 60/192,176

PRIOR FILING DATE: 2000-03-27

PRIOR APPLICATION NUMBER: US 60/192,179

PRIOR FILING DATE: 2000-03-27

PRIOR APPLICATION NUMBER: US 60/208,538

PRIOR FILING DATE: 2000-06-01

PRIOR APPLICATION NUMBER: US 60/244,989

PRIOR FILING DATE: 2000-10-30

NUMBER OF SEQ ID NOS: 4385

SOFTWARE: Friedman macro Napro4

Query Match	1.0%	Score 12.2;	DB 1;	Length 17;
Best Local Similarity	82.4%	Pred. No. 4.5e+02;		
Matches	14;	Conservative	0;	Mismatches 3; Indels 0; Gaps 0;
Qy	1373	TGAATTACCGAATAATG	1389	
Db	17	TGTATTACCGAGTAATG	1	
RESULT 486				
US-10-209-787-771				
Sequence 771, Application US/10209787				
Publication No. US20030217377A1				
GENERAL INFORMATION:				
APPLICANT: Kmiec, Eric B.				
APPLICANT: Gamper, Howard B.				
APPLICANT: Rice, Michael C.				
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single				
TITLE OF INVENTION: Stranded Oligonucleotides				
FILE REFERENCE: Napro-4				
CURRENT APPLICATION NUMBER: US/10/209,787				
CURRENT FILING DATE: 2002-07-30				
PRIOR APPLICATION NUMBER: US 09/818,875				
PRIOR FILING DATE: 2001-03-27				
PRIOR APPLICATION NUMBER: US 60/192,176				
PRIOR FILING DATE: 2000-03-27				
PRIOR APPLICATION NUMBER: US 60/192,179				
PRIOR FILING DATE: 2000-03-27				
PRIOR APPLICATION NUMBER: US 60/208,538				
PRIOR FILING DATE: 2000-06-01				
PRIOR APPLICATION NUMBER: US 60/244,989				
PRIOR FILING DATE: 2000-10-30				
NUMBER OF SEQ ID NOS: 4385				
SOFTWARE: Friedman macro Napro4				
SEQ ID NO 771				
LENGTH: 17				
TYPE: DNA				
ORGANISM: Homo sapiens				
US-10-209-787-771				
Query Match	1.0%	Score 12.2;	DB 1;	Length 17;
Best Local Similarity	82.4%	Pred. No. 4.5e+02;		
Matches	14;	Conservative	0;	Mismatches 3; Indels 0; Gaps 0;
Qy	921	TAAGTGGAAAAGTATT	937	
Db	1	TAAGTGGAGAAAGGTT	17	
RESULT 487				
US-10-209-787-772/c				
Sequence 772, Application US/10209787				
Publication No. US20030217377A1				
GENERAL INFORMATION:				
APPLICANT: Kmiec, Eric B.				
APPLICANT: Gamper, Howard B.				
APPLICANT: Rice, Michael C.				
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single				
TITLE OF INVENTION: Stranded Oligonucleotides				
FILE REFERENCE: Napro-4				
CURRENT APPLICATION NUMBER: US/10/209,787				
CURRENT FILING DATE: 2002-07-30				
PRIOR APPLICATION NUMBER: US 09/818,875				
PRIOR FILING DATE: 2001-03-27				
PRIOR APPLICATION NUMBER: US 60/192,176				
PRIOR FILING DATE: 2000-03-27				
PRIOR APPLICATION NUMBER: US 60/192,179				
PRIOR FILING DATE: 2000-03-27				
PRIOR APPLICATION NUMBER: US 60/208,538				
PRIOR FILING DATE: 2000-06-01				
PRIOR APPLICATION NUMBER: US 60/244,989				
PRIOR FILING DATE: 2000-10-30				
NUMBER OF SEQ ID NOS: 4385				
SOFTWARE: Friedman macro Napro4				
SEQ ID NO 771				
LENGTH: 17				
TYPE: DNA				
ORGANISM: Homo sapiens				
US-10-209-787-771				
Query Match	1.0%	Score 12.2;	DB 1;	Length 17;
Best Local Similarity	82.4%	Pred. No. 4.5e+02;		
Matches	14;	Conservative	0;	Mismatches 3; Indels 0; Gaps 0;
Qy	921	TAAGTGGAAAAGTATT	937	
Db	1	TAAGTGGAGAAAGGTT	17	
RESULT 488				
US-10-209-787-1723				
Sequence 1723, Application US/10209787				
Publication No. US20030217377A1				
GENERAL INFORMATION:				
APPLICANT: Kmiec, Eric B.				
APPLICANT: Gamper, Howard B.				
APPLICANT: Rice, Michael C.				
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single				
TITLE OF INVENTION: Stranded Oligonucleotides				
FILE REFERENCE: Napro-4				
CURRENT APPLICATION NUMBER: US/10/209,787				

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; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1724
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-209-787-1724

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

>y 1404 AAACAGCAAACTTCA 1420
>b 17 AGACACCAAAAGTCCA 1

RESULT 490
US-10-209-787-2158
; Sequence 2158, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2158
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-209-787-2158

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

>y 1604 ATATGAACATTTTAAA 1620
>b 17 AGATGAACCTTTAAGA 17

RESULT 491
US-10-209-787-2159/c
; Sequence 2159, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2159
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-209-787-2159

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

>y 1604 ATATGAACATTTTAAA 1620
>b 17 AGATGAACCTTTAAGA 17

RESULT 492
US-10-209-787-2438
; Sequence 2438, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2438
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-209-787-2438

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

>y 980 AAGCACTTTAAGTTTTT 996
>b 17 AGATGAACCTTTAAGA 17

RESULT 493
US-10-209-787-2159/c
; Sequence 2159, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2159
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-209-787-2159

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

>y 980 AAGCACTTTAAGTTTTT 996
>b 17 AGATGAACCTTTAAGA 17
```

```
Db      1 AAGCAGGAGAGCTTTT 17

RESULT 493
US-10-209-787-2439/c
; Sequence 2439, Application US/10209787
; Publication NO. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2439
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-2439

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      980 AAGCAGCTTTAAGCTTTT 996
Db      17 AAGCAGGAGAGCTTTT 1

RESULT 494
US-10-209-787-2442
; Sequence 2442, Application US/10209787
; Publication NO. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2442
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-2442

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      980 AAGCAGCTTTAAGCTTTT 996
Db      17 AAGCAGGAGAGCTTTT 1

RESULT 495
US-10-209-787-2443/c
; Sequence 2443, Application US/10209787
; Publication NO. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2443
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-2443

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      980 AAGCAGCTTTAAGCTTTT 996
Db      17 AAGCAGGAGAGCTTTT 1

RESULT 496
US-10-209-787-2538
; Sequence 2538, Application US/10209787
; Publication NO. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
```

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NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 2538
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
S-10-209-787-2538

Query Match          1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y      1491 TTTAAATGACTGCATT 1507
      |||||
b      1 TTTAAATGGCGCAGTT 17

RESULT 497
S-10-209-787-2539/c
Sequence 2539, Application US/10209787
Publication No. US20030217377A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper, Howard B.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/10/209,787
CURRENT FILING DATE: 2002-07-30
PRIOR APPLICATION NUMBER: US 09/818,875
PRIOR FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 2539
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
S-10-209-787-2539

Query Match          1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y      1491 TTTAAATGACTGCATT 1507
      |||||
b      17 TTTAAATGGCGCAGTT 1

RESULT 498
S-10-209-787-2542
Sequence 2542, Application US/10209787
Publication No. US20030217377A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper, Howard B.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/10/209,787
CURRENT FILING DATE: 2002-07-30
PRIOR APPLICATION NUMBER: US 09/818,875
PRIOR FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 2543
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
S-10-209-787-2543

Query Match          1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y      1491 TTTAAATGACTGCATT 1507
      |||||
b      17 TTTAAATGGCGCAGTT 1

RESULT 499
S-10-209-787-2543/c
Sequence 2543, Application US/10209787
Publication No. US20030217377A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper, Howard B.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/10/209,787
CURRENT FILING DATE: 2002-07-30
PRIOR APPLICATION NUMBER: US 09/818,875
PRIOR FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 2543
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
S-10-209-787-2543

```

```

; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2542
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-2542

Query Match          1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY     1491 TTTAAATGACTGCATT 1507
      |||||
DB      1 TTTAAATGGCGCAGTT 17

RESULT 499
US-10-209-787-2543/c
; Sequence 2543, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2543
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-2543

Query Match          1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY     1491 TTTAAATGACTGCATT 1507
      |||||
DB      17 TTTAAATGGCGCAGTT 1

RESULT 500
US-10-209-787-4186/c
; Sequence 4186, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single

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; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 4186
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
JS-10-209-787-4186

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```

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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2y 1124 ATAAAGATGTTATAGTA 1140
||| ||||| |||||
Db 17 ATAGAGATGATATAATA 1

```

```

RESULT 501
US-10-209-787-4187
; Sequence 4187, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 4187
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
JS-10-209-787-4187

```

```

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

2y 1124 ATAAAGATGTTATAGTA 1140
||| ||||| |||||
Db 1 ATAGAGATGATATAATA 17

```

```

RESULT 502
JS-10-105-481-22

```

```

; Sequence 22, Application US/10105481
; Publication No. US20030044955A1
; GENERAL INFORMATION:
; APPLICANT: Berkla, Randy M
; APPLICANT: Cullen, Daniel
; APPLICANT: Gray, Gregory L
; APPLICANT: Havenga, Kirk J
; APPLICANT: Lawlis, Virgil B
; TITLE OF INVENTION: Heterologous Polypeptides Expressed in Filamentous
; TITLE OF INVENTION: Fungi, Process for
; TITLE OF INVENTION: Making Same and Vectors for Making Same
; FILE REFERENCE: A-42909-5
; CURRENT APPLICATION NUMBER: US/10/105,481
; CURRENT FILING DATE: 2002-03-20
; PRIOR APPLICATION NUMBER: 09/468,265
; PRIOR FILING DATE: 1999-12-10
; PRIOR APPLICATION NUMBER: 08/484,384
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: 08/284,942
; PRIOR FILING DATE: 1994-08-02
; PRIOR APPLICATION NUMBER: 07/413,010
; PRIOR FILING DATE: 1989-09-25
; PRIOR APPLICATION NUMBER: 07/163,219
; PRIOR FILING DATE: 1988-02-26
; PRIOR APPLICATION NUMBER: 06/882,224
; PRIOR FILING DATE: 1986-07-07
; PRIOR APPLICATION NUMBER: 08/771,374
; PRIOR FILING DATE: 1985-08-29
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 22
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probes
US-10-105-481-22

```

```

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 4.5e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

```

```

Qy 1271 AGTATAAGTACATTA 1285
||| ||||| |||||
Db 2 ARTAVARTATATTA 16

```

```

RESULT 503
US-10-105-481-25
; Sequence 25, Application US/10105481
; Publication No. US20030044955A1
; GENERAL INFORMATION:
; APPLICANT: Berkla, Randy M
; APPLICANT: Cullen, Daniel
; APPLICANT: Gray, Gregory L
; APPLICANT: Havenga, Kirk J
; APPLICANT: Lawlis, Virgil B
; TITLE OF INVENTION: Heterologous Polypeptides Expressed in Filamentous
; TITLE OF INVENTION: Fungi, Process for
; TITLE OF INVENTION: Making Same and Vectors for Making Same
; FILE REFERENCE: A-42909-5
; CURRENT APPLICATION NUMBER: US/10/105,481
; CURRENT FILING DATE: 2002-03-20
; PRIOR APPLICATION NUMBER: 09/468,265
; PRIOR FILING DATE: 1999-12-10
; PRIOR APPLICATION NUMBER: 08/484,384
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: 08/284,942
; PRIOR FILING DATE: 1994-08-02
; PRIOR APPLICATION NUMBER: 07/413,010
; PRIOR FILING DATE: 1989-09-25
; PRIOR APPLICATION NUMBER: 07/163,219
; PRIOR FILING DATE: 1988-02-26

```

PRIOR APPLICATION NUMBER: 06/882,224
PRIOR FILING DATE: 1986-07-07
PRIOR APPLICATION NUMBER: 06/771,374
PRIOR FILING DATE: 1985-08-29
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin version 3.1
SEQ ID NO 25
LENGTH: 17

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: synthetic oligonucleotide probe
S-10-105-481-25

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 4.5e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

y 1271 AGTATAAGTACATTA 1285
b 2 ARTAYAAATACATCA 16

RESULT 504

S-10-105-481-27
Sequence 27, Application US/10105481
Publication No. US20030044955A1
GENERAL INFORMATION:

APPLICANT: Berka, Randy M
APPLICANT: Cullen, Daniel
APPLICANT: Gray, Gregory L
APPLICANT: Hayenga, Kirk J
APPLICANT: Lawlis, Virgil B
TITLE OF INVENTION: Heterologous Polypeptides Expressed in Filamentous
TITLE OF INVENTION: Fungi, Process for
TITLE OF INVENTION: Making Same and Vectors for Making Same
FILE REFERENCE: A-42909-5
CURRENT APPLICATION NUMBER: US/10/105,481

CURRENT FILING DATE: 2002-03-20
PRIOR APPLICATION NUMBER: 09/468,265
PRIOR FILING DATE: 1999-12-10
PRIOR APPLICATION NUMBER: 08/484,384
PRIOR FILING DATE: 1995-06-07
PRIOR APPLICATION NUMBER: 08/284,942
PRIOR FILING DATE: 1994-08-02
PRIOR APPLICATION NUMBER: 07/413,010
PRIOR FILING DATE: 1989-09-25
PRIOR APPLICATION NUMBER: 07/163,219
PRIOR FILING DATE: 1988-02-26
PRIOR APPLICATION NUMBER: 06/882,224
PRIOR FILING DATE: 1986-07-07
PRIOR APPLICATION NUMBER: 06/771,374
PRIOR FILING DATE: 1985-08-29
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin version 3.1
SEQ ID NO 27
LENGTH: 17

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: synthetic oligonucleotide probe
S-10-105-481-27

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 4.5e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

y 1271 AGTATAAGTACATTA 1285
b 2 ARTAYAAATACATCA 16

RESULT 505

US-10-105-481-27/c
Sequence 27, Application US/10105481
Publication No. US20030044955A1
GENERAL INFORMATION:

APPLICANT: Berka, Randy M
APPLICANT: Cullen, Daniel
APPLICANT: Gray, Gregory L
APPLICANT: Hayenga, Kirk J
APPLICANT: Lawlis, Virgil B
TITLE OF INVENTION: Heterologous Polypeptides Expressed in Filamentous
TITLE OF INVENTION: Fungi, Process for
TITLE OF INVENTION: Making Same and Vectors for Making Same
FILE REFERENCE: A-42909-5
CURRENT APPLICATION NUMBER: US/10/105,481

CURRENT FILING DATE: 2002-03-20
PRIOR APPLICATION NUMBER: 09/468,265
PRIOR FILING DATE: 1999-12-10
PRIOR APPLICATION NUMBER: 08/484,384
PRIOR FILING DATE: 1995-06-07
PRIOR APPLICATION NUMBER: 08/284,942
PRIOR FILING DATE: 1994-08-02
PRIOR APPLICATION NUMBER: 07/413,010
PRIOR FILING DATE: 1989-09-25
PRIOR APPLICATION NUMBER: 07/163,219
PRIOR FILING DATE: 1988-02-26
PRIOR APPLICATION NUMBER: 06/882,224
PRIOR FILING DATE: 1986-07-07
PRIOR APPLICATION NUMBER: 06/771,374
PRIOR FILING DATE: 1985-08-29
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin version 3.1
SEQ ID NO 27
LENGTH: 17

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: synthetic oligonucleotide probe
US-10-105-481-27

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 84.6%; Pred. No. 4.5e+02;
Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1047 TTTATGTATTAT 1059
Db 17 TTTATGTATTAT 5

RESULT 506

US-10-060-756A-840
Sequence 840, Application US/10060756A
Publication No. US20030046717A1
GENERAL INFORMATION:

APPLICANT: Zhang, Jian
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
FILE REFERENCE: PB0177
CURRENT APPLICATION NUMBER: US/10/060,756A
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/327,898


```

; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ. ID NOS.: 484
; SOFTWARE: Recombi Sequence Listing Engine
; SEQ. ID NO. 840
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-7556A-840

```

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2y 496 GCCAGATGCAATACAAG 512
|||||
2b 1 GCCAGATCCAGTACCAG 17

```

RESULT 507
US-10-060-756A-1174/c
; Sequence 1174, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PBO177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006659
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006655
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006658
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006653
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1174
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
JS-10-060-756A-1174

```

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2y 1006 CATAAATTATTTTCAG 1022
17 CCTCAATTATTTTCAG 1

RESULT 508
US-10-060-756A-1175/c
; Sequence 1175, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00657
; PRIOR FILING DATE: 2001-01-30

```

, PRIOR APPLICATION NUMBER: PCT/US01/006654
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/006669
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/006665
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/006668
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/006663
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: US 09/864,761
, PRIOR FILING DATE: 2001-05-23
, PRIOR APPLICATION NUMBER: US 60/327,898
, PRIOR FILING DATE: 2001-10-09
, NUMBER OF SEQ ID NOS: 4804
, SOFTWARE: Aecolica Sequence Listing Engine
, SEQ ID NO 1175
, LENGTH: 17
, TYPE: DNA
, ORGANISM: Homo sapiens
, US-10-060-756A-1175

```

```

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. NO. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1005 ACATAAATTATTTTCAA 1021
          ||| ||| ||| ||| |||
Db       17 ACCTCAATTTTTTCAA 1

```

```

RESULT 509
US-10-060-756A-1304/c
; Sequence 1304, Application US/10060756A
; Publication No. US20030046717A1
GENERAL INFORMATION:
APPLICANT: Zhang, Jian
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
FILE REFERENCE: PB0177
CURRENT APPLICATION NUMBER: US/10/060,756A
CURRENT FILING DATE: 2002-01-30
PRIORITY APPLICATION NUMBER: PCT/US01/006657
PRIORITY FILING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: PCT/US01/006664
PRIORITY FILING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: PCT/US01/006669
PRIORITY FILING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: PCT/US01/006665
PRIORITY FILING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: PCT/US01/006668
PRIORITY FILING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: PCT/US01/006663
PRIORITY FILING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: US 09/864,761
PRIORITY FILING DATE: 2001-05-23
PRIORITY APPLICATION NUMBER: US 60/327,898
PRIORITY FILING DATE: 2001-10-09
NUMBER OF SEQ ID NOS: 4804
SOFTWARE: Aesmca Sequence Listing Engine
SEQ ID NO 1304
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-060-756A-1304

```

Query Match	1.0%;	Score 12.2;	DB 1;	Length 17;
Best Local Similarity	82.4%;	Pred. NO. 4.5e+02;		
Matches 14;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;
Qy	433	CAGTGAACCTTCAGCA	449	
Db	17	CAGTCAAACTTAAGCA	1	

```
RESULT 510
US-10-060-756A-4026/c
; Sequence 4026, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 4026
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-060-756A-4026

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

y 1097 ACAAGATCAATCTTGA 1113
b 17 ACGATTAAATCTAGA 1

RESULT 511
S-10-060-756A-4275/c
; Sequence 4275, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 4275
```

```
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-060-756A-4275

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 687 AAAATTGGGCGGAGGC 703
Db 17 AAAATTAGGCCATGAGC 1

RESULT 512
US-10-060-756A-4359/c
; Sequence 4359, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 4359
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-060-756A-4359

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1188 CAATCAGGCTTTTACA 1204
Db 17 CAATCAGGAATCTAGA 1

RESULT 513
US-10-043-875-66/c
; Sequence 66, Application US/10043875
; Publication No. US20030054339A1
; GENERAL INFORMATION:
; APPLICANT: De Smet, Koenraad
; APPLICANT: Stuyver, Lieven
; TITLE OF INVENTION: Method for Detection of Drug-Induced Mutations in the HIV Reverse
; FILE REFERENCE: 11362-0033-NPUS01 (INNS:033)
; CURRENT APPLICATION NUMBER: US/10/043,875
; CURRENT FILING DATE: 2002-04-03
; PRIOR APPLICATION NUMBER: 60/286,102
; PRIOR FILING DATE: 2001-04-24
; PRIOR APPLICATION NUMBER: EP 01870085.6
; PRIOR FILING DATE: 2001-04-20
```

```

: GENERAL INFORMATION:
: APPLICANT: Weigel, Paul H.
: APPLICANT: DeAngelis, Paul
: APPLICANT: Kumari, Keshama
: TITLE OF INVENTION: Hyaluronan Synthase Gene and Uses Thereof
: FILE REFERENCE: 3554.011
: CURRENT APPLICATION NUMBER: US/10/011,768B
: CURRENT FILING DATE: 2001-12-11
: PRIOR APPLICATION NUMBER: US 09/178,851
: PRIOR FILING DATE: 1998-10-26
: PRIOR APPLICATION NUMBER: US 60/064,435
: PRIOR FILING DATE: 1997-10-31
: NUMBER OF SEQ ID NOS: 10
: SOFTWARE: PatentIn version 3.1
: SEQ ID NO 6

```

1 GENERAL INFORMATION: Paul H
 2 APPLICANT: Weigel,
 3 APPLICANT: Kumari, Kshama
 4 APPLICANT: DeAngelis, Paul
 5 TITLE OF INVENTION: HYALURONAN SYNTHASE GENES AND EXPRESSION THEREOF IN RACILLUS SUB
 6 FILE REFERENCE: 3554.048
 7 CURRENT APPLICATION NUMBER: US/10/172,527
 8 CURRENT FILING DATE: 2002-06-13
 9 PRIOR APPLICATION NUMBER: 60/297,788
 10 PRIOR FILING DATE: 2001-06-13
 11 PRIOR APPLICATION NUMBER: 60/297,744
 12 PRIOR FILING DATE: 2001-06-13
 13 PRIOR APPLICATION NUMBER: 09/469,200
 14 PRIOR FILING DATE: 1999-12-21
 15 PRIOR APPLICATION NUMBER: 09/178,851
 16 PRIOR FILING DATE: 1998-10-26
 17 NUMBER OF SEQ ID NOS: 20
 18 SOFTWARE: PatentIn version 3.1

SEQ ID NO 6

LENGTH: 17

TYPE: DNA

ORGANISM: Streptococcus equisimilis

S-10-172-527-6

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1544 TTTTATGCTCTCCA 1560

b 1 TTTTACGTTGCCCA 17

RESULT 518

S-10-200-051-15

Sequence 15, Application US/10200051

Publication No. US20030097683A1

GENERAL INFORMATION:

APPLICANT: Large Scale Biology Corporation

TITLE OF INVENTION: A SINGLE-COMPONENT RNA VECTORS DERIVED FROM A VIRUS AND CONTAININ

TITLE OF INVENTION: INTERVENING SEQUENCE BETWEEN THE CAP AND THE 5' END AND ABLE TO

TITLE OF INVENTION: HOST PLANT CELL WITHIN A HOST PLANT

FILE REFERENCE: 00801-0137-CN026

CURRENT APPLICATION NUMBER: US/10/200,051

CURRENT FILING DATE: 2002-07-18

PRIOR APPLICATION NUMBER: 09/949,316

PRIOR FILING DATE: 2001-09-07

PRIOR APPLICATION NUMBER: 09/502,711

PRIOR FILING DATE: 2000-02-11

PRIOR APPLICATION NUMBER: 09/359,301

PRIOR FILING DATE: 1999-07-21

PRIOR APPLICATION NUMBER: 09/359,305

PRIOR FILING DATE: 1999-07-21

PRIOR APPLICATION NUMBER: 09/232,170

PRIOR FILING DATE: 1999-01-15

PRIOR APPLICATION NUMBER: 09/008,186

PRIOR FILING DATE: 1998-01-16

NUMBER OF SEQ ID NOS: 27

SOFTWARE: PatentIn version 3.1

SEQ ID NO 15

LENGTH: 17

TYPE: DNA

ORGANISM: Tobacco mosaic virus

S-10-200-051-15

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1134 TATAGTAAATTTATTTT 1150

b 1 TATAGTATTGTATTTT 17

RESULT 519

S-10-060-998-306/c

Sequence 306, Application US/10060998

Publication No. US20030104530A1

GENERAL INFORMATION:

APPLICANT: Gu, Yizhong

TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1

FILE REFERENCE: P01108

CURRENT APPLICATION NUMBER: US/10/060,998

CURRENT FILING DATE: 2002-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 09/864,761

PRIOR FILING DATE: 2001-05-23

PRIOR APPLICATION NUMBER: US 60/343,331

PRIOR FILING DATE: 2001-12-21

NUMBER OF SEQ ID NOS: 3056

; SOFTWARE: Acomica Sequence Listing Engine

; SEQ ID NO 306

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-060-998-306

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1418 CCACAGTCAATATTACT 1434

Db 17 CCACATTCATATCACT 1

RESULT 520

US-10-060-998-307/c

Sequence 307, Application US/10060998

Publication No. US20030104530A1

GENERAL INFORMATION:

APPLICANT: Gu, Yizhong

TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1

FILE REFERENCE: P01108

CURRENT APPLICATION NUMBER: US/10/060,998

CURRENT FILING DATE: 2002-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 09/864,761

PRIOR FILING DATE: 2001-05-23

PRIOR APPLICATION NUMBER: US 60/343,331

PRIOR FILING DATE: 2001-12-21

NUMBER OF SEQ ID NOS: 3056

SOFTWARE: Acomica Sequence Listing Engine

; SEQ ID NO 307

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-060-998-307

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1417 TCACAGTCAATATTACT 1433

Db 17 TCACATTCATATCACT 1

RESULT 521

US-10-060-998-419/c

Sequence 419, Application US/10060998

Publication No. US20030104530A1

GENERAL INFORMATION:

APPLICANT: Gu, Yizhong

TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1

FILE REFERENCE: P01108

CURRENT APPLICATION NUMBER: US/10/060,998

CURRENT FILING DATE: 2002-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 09/864,761

PRIOR FILING DATE: 2001-05-23

PRIOR APPLICATION NUMBER: US 60/343,331

PRIOR FILING DATE: 2001-12-21

NUMBER OF SEQ ID NOS: 3056

SOFTWARE: Acomica Sequence Listing Engine

; SEQ ID NO 419

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-060-998-419

```
Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 959 TGATGTTGTGAGGACAT 975
DB 17 TGAAGTTGTCTGACTT 1

RESULT 522
US-10-998-421/c
; Sequence 421, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 421
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-421

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 957 AGTGATGTTGTGAGGAC 973
DB 17 ATTGATGTTGTCTGAC 1

RESULT 523
US-10-060-998-507/c
; Sequence 507, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 507
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-507

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1616 TAAATATAATTGTG 1632
DB 17 TGAATATAATTGTGG 1

RESULT 524
US-10-163-552-559/c
; Sequence 559, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to leve
; FILE REFERENCE: MEHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 559
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-559

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 874 GATCCACAAGTCTTGT 890
DB 17 GATCCAGATGCCCTTGT 1

RESULT 525
US-10-163-552-680
; Sequence 680, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to leve
; FILE REFERENCE: MEHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 680
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-680

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 47.1%; Pred. No. 4.5e+02;
Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 1363 AGTGCTGTGTGAATTA 1379
DB 1 AGUGAUGUGUGAGUUA 17

RESULT 526
US-10-156-306-93
; Sequence 93, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MEHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
```

SOFTWARE: PatentIn version 3.0

SEQ ID NO 93

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

S-10-156-306-93

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 4.5e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

Y 451 APTCACTTCAACACTTC 467

b 1 AUCACACUCCACACUUC 17

RESULT 527

S-10-156-306-118/c

Sequence 118, Application US/10156306

Publication No. US20030119017A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: McSwiggen, James

TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

FILE REFERENCE: MEHB01-664-A (400/050)

CURRENT APPLICATION NUMBER: US/10/156,306

CURRENT FILING DATE: 2002-05-28

NUMBER OF SEQ ID NOS: 8013

SOFTWARE: PatentIn version 3.0

SEQ ID NO 118

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

S-10-156-306-118

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1572 CTGCTTCTGATGTTG 1588

b 17 CTGCTTCTGATGTTG 17

RESULT 528

US-10-156-306-286

Sequence 286, Application US/10156306

Publication No. US20030119017A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: McSwiggen, James

TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

FILE REFERENCE: MEHB01-664-A (400/050)

CURRENT APPLICATION NUMBER: US/10/156,306

CURRENT FILING DATE: 2002-05-28

NUMBER OF SEQ ID NOS: 8013

SOFTWARE: PatentIn version 3.0

SEQ ID NO 286

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-10-156-306-286

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 4.5e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

Y 1609 AACATTTTAAATATAA 1625

b 1 AACACGUGUAAUAUA 17

RESULT 529

US-10-156-306-287

Sequence 287, Application US/10156306

Publication No. US20030119017A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: McSwiggen, James

TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

FILE REFERENCE: MEHB01-664-A (400/050)

CURRENT APPLICATION NUMBER: US/10/156,306

CURRENT FILING DATE: 2002-05-28

NUMBER OF SEQ ID NOS: 8013

SOFTWARE: PatentIn version 3.0

SEQ ID NO 287

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-10-156-306-287

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 4.5e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

Y 1610 AACATTTTAAATATAA 1626

b 1 AACGUGUAAUAUA 17

RESULT 530

US-10-156-306-344/c

Sequence 344, Application US/10156306

Publication No. US20030119017A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: McSwiggen, James

TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

FILE REFERENCE: MEHB01-664-A (400/050)

CURRENT APPLICATION NUMBER: US/10/156,306

CURRENT FILING DATE: 2002-05-28

NUMBER OF SEQ ID NOS: 8013

SOFTWARE: PatentIn version 3.0

SEQ ID NO 344

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-10-156-306-344

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 602 ATTATTTTGAATCTACA 618

b 17 ATTATTTTGAATCTATA 1

RESULT 531

US-10-156-306-360/c

Sequence 360, Application US/10156306

Publication No. US20030119017A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: McSwiggen, James

TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

FILE REFERENCE: MEHB01-664-A (400/050)

CURRENT APPLICATION NUMBER: US/10/156,306

CURRENT FILING DATE: 2002-05-28

NUMBER OF SEQ ID NOS: 8013

SOFTWARE: PatentIn version 3.0

```
; SEQ ID NO 360
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-360

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 607 TTGATCTACTACAAAAA 623
Db 17 TTGATCTACTACAAAA 1

RESULT 532
US-10-156-306-415
; Sequence 415, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 415
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-415

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 4.5e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 1005 ACATAAATTTTTCAA 1021
Db 1 ACAGAAAUUCUCUCAA 17

RESULT 533
US-10-156-306-520/c
; Sequence 520, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 520
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-520

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 618 AAAAAACACAAATAT 634
Db 17 AAAAAAAGAAAT 1

RESULT 534
US-10-156-306-1527/c
; Sequence 1527, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1527
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1527

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 887 TTCTTCCACTGTGCTT 903
Db 17 TTGTTCCAAAGGTCCCTT 1

RESULT 535
US-10-156-306-1537/c
; Sequence 1537, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1537
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1537

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1561 AATTTTCTACTGTTT 1577
Db 17 AATTTTCTGATGTAT 1

RESULT 536
US-10-156-306-1543/c
; Sequence 1543, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1543
```



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;
;   TYPES: RNA
;   ORGANISM: Human immunodeficiency virus
;   JS-10-157-580A-54

Query Match
Best Local Similarity 1.0%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2Y 1479 CTTATATATATTTAA 1495
DB 17 CTTACTATTTTATTTAA 1

RESULT 542
US-09-263-959-694/c
; Sequence 694 Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcmasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 622-6031
; INFORMATION FOR SEQ ID NO: 694:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-694

Query Match
Best Local Similarity 1.0%; Score 12.2; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2Y 1590 AAATATAAAGTAATA 1606
DB 17 AAATAAATAAATAATA 1

RESULT 543
US-09-263-959-966
; Sequence 966 Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
```

```
;
;   CORRESPONDENCE ADDRESS:
;   ADDRESSEE: Seed and Berry LLP
;   STREET: 6300 Columbia Center, 701 Fifth Avenue
;   CITY: Seattle
;   STATE: Washington
;   COUNTRY: US
;   ZIP: 98104-7092
;   COMPUTER READABLE FORM:
;   MEDIUM TYPE: Floppy disk
;   COMPUTER: IBM PC compatible
;   OPERATING SYSTEM: PC-DOS/MS-DOS
;   SOFTWARE: Patent In Release #1.0, Version #1.25
;   CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/09/263,959
;   FILING DATE: 05-MAR-1999
;   CLASSIFICATION:
;   ATTORNEY/AGENT INFORMATION:
;   NAME: Mcmasters, David D.
;   REGISTRATION NUMBER: 33,963
;   REFERENCE/DOCKET NUMBER: 920010.426C2
;   TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (206) 622-4900
;   TELEFAX: (206) 622-6031
;   INFORMATION FOR SEQ ID NO: 966:
;   SEQUENCE CHARACTERISTICS:
;   LENGTH: 18 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
US-09-263-959-966

Query Match
Best Local Similarity 1.0%; Score 12.2; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1590 AAATATAAAGTAATA 1606
DB 2 AAATAAATAAATAATA 18

RESULT 544
US-09-774-414-22/c
; Sequence 22 Application US/09774414
; Patent No. US20020102231A1
; GENERAL INFORMATION:
; APPLICANT: The Institute of Physical and Chemical Research
; TITLE OF INVENTION: Endonuclease
; FILE REFERENCE: PH-651
; CURRENT APPLICATION NUMBER: US/09/774,414
; CURRENT FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 09/306,970
; PRIOR FILING DATE: 1999-05-07
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO: 22
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-09-774-414-22

Query Match
Best Local Similarity 1.0%; Score 12.2; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1247 CAGATAAACAAATA 1263
DB 17 CAGATAACCAATAATA 1

RESULT 545
US-09-263-959-754
```

Sequence 754, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:

APPLICANT: Hood, Leroy E.

APPLICANT: Rowen, Lee

APPLICANT: Koop, Ben F.

TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI

NUMBER OF SEQUENCES: 1279

CORRESPONDENCE ADDRESS:

ADDRESSEE: Seed and Berry LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue

CITY: Seattle

STATE: Washington

COUNTRY: US

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/263,959

FILING DATE: 05-MAR-1999

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: McMasters, David D.

REGISTRATION NUMBER: 33,963

REFERENCE/DOCKET NUMBER: 920010.426C2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 754:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

IS-09-263-959-754

Query Match 1.0%; Score 12.2; DB 1; Length 19;

Best Local Similarity 82.4%; Pred. No. 4.8e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1590 AAATATATAAAGTAAATA 1606

||||| |||||

b 2 AAATAATAATAATA 18

RESULT 546

IS-09-882-945A-309/c

Sequence 309, Application US/09882945A

Publication No. US20030143535A1

GENERAL INFORMATION:

APPLICANT: Lyamichev, Victor

APPLICANT: Allawi, Hatim

APPLICANT: Dong, Fang

APPLICANT: Neri, Bruce

APPLICANT: Vener, Tatiana

TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites

FILE REFERENCE: FORS-04586

CURRENT APPLICATION NUMBER: US/09/882,945A

CURRENT FILING DATE: 2001-06-15

NUMBER OF SEQ ID NOS: 334

SOFTWARE: PatentIn version 3.0

SEQ ID NO 309

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic

IS-09-882-945A-309

Query Match

1.0%; Score 12.2; DB 1; Length 20;

Best Local Similarity 82.4%; Pred. No. 5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 552 TTTTTCATGTCACATG 568

||||| |||||

Db 17 TATTCATGTCACATG 1

RESULT 547

US-09-752-983-239

Sequence 239, Application US/09752983

Patent No. US20010016575A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDX2

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street

CITY: Marlton

STATE: NJ

COUNTRY: U.S.A.

ZIP: 08053

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

COMPUTER: IBM PC

OPERATING SYSTEM: WINDOWS 95

SOFTWARE: WORDPERFECT 6.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/752,983

FILING DATE: 02-Jan-2001

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/280,805

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Licata, Jane Massey

REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: ISPH-0346

TELECOMMUNICATION INFORMATION:

TELEPHONE: 609-810-1515

TELEFAX: 609-810-1454

INFORMATION FOR SEQ ID NO: 239:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: Nucleic Acid

STRANDEDNESS: Single

TOPOLOGY: linear

ANTI-SENSE: Yes

US-09-752-983-239

Query Match 1.0%; Score 12.2; DB 1; Length 20;

Best Local Similarity 82.4%; Pred. No. 5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1603 AATATGAACATTAA 1619

||||| |||||

Db 2 AATAAGTTACATTAA 18

RESULT 548

US-10-005-344-239

Sequence 239, Application US/10005344

Publication No. US20030203862A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia

APPLICANT: Pamela Nero

APPLICANT: Mark J. Graham

APPLICANT: Brett P. Monia

APPLICANT: Erich Koller

APPLICANT: Mingyi Chiang

```
; APPLICANT: Manu Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 239
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-239

Query Match      1.0%; Score 12.2; DB 1; Length 20;
Best Local Similarity 82.4%; Pred. No. 5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1603 AATATGAACATTTAAA 1619
DB 2 AATAGTTGATTTAAA 18

RESULT 549
US-10-024-396-76
; Sequence 76, Application US/10024396
; Publication No. US20030147864A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L1 EXPRESSION
; FILE REFERENCE: RES-0339
; CURRENT APPLICATION NUMBER: US/10/024,396
; CURRENT FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 76
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-024-396-76

Query Match      1.0%; Score 12.2; DB 1; Length 20;
Best Local Similarity 82.4%; Pred. No. 5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1192 CAGGTTTGTAGATAA 1208
DB 2 CAGGATTGTAGATAA 18

RESULT 550
US-10-117-955B-3/c
; Sequence 3, Application US/10117955B
; Publication No. US20030199453A1
; GENERAL INFORMATION:
; APPLICANT: Giordano, Tony
; APPLICANT: Sturges, Michael A.
; TITLE OF INVENTION: Small Molecule Inhibitors of Secretion
; FILE REFERENCE: 50093/018002
; CURRENT APPLICATION NUMBER: US/10/117,955B
; CURRENT FILING DATE: 2002-04-08
; PRIOR APPLICATION NUMBER: US 60/282,974
; PRIOR FILING DATE: 2001-04-10
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
```

```
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus motif
US-10-117-955B-3

Query Match      1.0%; Score 12.2; DB 1; Length 21;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1590 AATATAAAGTAATA 1606
DB 20 AATATAAATAATA 4

RESULT 551
US-09-864-636A-1130
; Sequence 1130, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1130
; LENGTH: 35
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-1130

Query Match      1.0%; Score 12.2; DB 1; Length 35;
Best Local Similarity 68.0%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 1131 TGTATAGTAATTTATTTT 1155
DB 3 TGTGAAGTAGATTGCTTGAAGTT 27

RESULT 552
US-09-864-636A-1153
; Sequence 1153, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1153
; LENGTH: 35
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-1153

Query Match      1.0%; Score 12.2; DB 1; Length 35;
Best Local Similarity 68.0%; Pred. No. 5.7e+02;
```

Matches 17; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

Y 1131 TGTATAGTAATTTATTTATTTT 1155
 ||||| ||||| ||||| ||||| |||||
 D 3 TGTGAAGTAGATTGCTTGAGTT 27

RESULT 553
 US-09-864-636A-1158
 Sequence 1158, Application US/09864636A
 Publication No. US20030104378A1
 GENERAL INFORMATION:
 APPLICANT: Third Wave Technologies
 APPLICANT: Allwai, Hatim
 APPLICANT: Bartholomay, Christian
 APPLICANT: Chehak, LuAnne
 APPLICANT: Curtis, Michelle L.
 APPLICANT: Eis, Peggy S.
 APPLICANT: Hall, Jeff G.
 APPLICANT: Ip, Hon S.
 APPLICANT: Ji, Lin
 APPLICANT: Kaiser, Michael
 APPLICANT: Kwiatkowski, Jr., Robert W.
 APPLICANT: Lukowiak, Andrew A.
 APPLICANT: Lymaicheva, Victor
 APPLICANT: Lymaicheva, Natalie E.
 APPLICANT: Ma, WuPo
 APPLICANT: Neri, Bruce P.
 APPLICANT: Olson, Sarah M.
 APPLICANT: Olson-Munoz, Marilyn C.
 APPLICANT: Schaefer, James J.
 APPLICANT: Skrzypczynski, Zbigniew
 APPLICANT: Takova, Tssetska Y.
 APPLICANT: Thompson, Lisa C.
 APPLICANT: Vedvik, Kevin L.
 TITLE OF INVENTION: Detection of RNA Sequences
 FILE REFERENCE: FORS-04944
 CURRENT APPLICATION NUMBER: US/09/864,636A
 CURRENT FILING DATE: 2002-10-15
 NUMBER OF SEQ ID NOS: 2640
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 1158
 LENGTH: 35
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic
 US-09-864-636A-1158

Query Match 1.0%; Score 12.2; DB 1; Length 35;
 Best Local Similarity 68.0%; Pred. No. 5.7e+02;
 Matches 17; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

Y 1131 TGTATAGTAATTTATTTATTTT 1155
 ||||| ||||| ||||| ||||| |||||
 Xb 3 TGTGAAGTAGATTGCTTGAGTT 27

RESULT 554
 US-09-864-636A-1163
 Sequence 1163, Application US/09864636A
 Publication No. US20030104378A1
 GENERAL INFORMATION:
 APPLICANT: Third Wave Technologies
 APPLICANT: Allwai, Hatim
 APPLICANT: Bartholomay, Christian
 APPLICANT: Chehak, LuAnne
 APPLICANT: Curtis, Michelle L.
 APPLICANT: Eis, Peggy S.
 APPLICANT: Hall, Jeff G.
 APPLICANT: Ip, Hon S.
 APPLICANT: Ji, Lin
 APPLICANT: Kaiser, Michael
 APPLICANT: Kwiatkowski, Jr., Robert W.
 APPLICANT: Lukowiak, Andrew A.
 APPLICANT: Lymaicheva, Victor
 APPLICANT: Lymaicheva, Natalie E.
 APPLICANT: Ma, WuPo
 APPLICANT: Neri, Bruce P.
 APPLICANT: Olson, Sarah M.
 TITLE OF INVENTION: Detection of RNA Sequences
 FILE REFERENCE: FORS-04944
 CURRENT APPLICATION NUMBER: US/09/864,636A
 CURRENT FILING DATE: 2002-10-15
 NUMBER OF SEQ ID NOS: 2640
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 1163
 LENGTH: 35
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic
 US-09-864-636A-1163

Query Match 1.0%; Score 12.2; DB 1; Length 35;
 Best Local Similarity 68.0%; Pred. No. 5.7e+02;
 Matches 17; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 1131 TGTATAGTAATTTATTTATTTT 1155
 ||||| ||||| ||||| ||||| |||||
 Db 3 TGTGAAGTAGATTGCTTGAGTT 27

RESULT 555
 US-10-084-839-1130

Sequence 1130, Application US/10084839
 Publication No. US20030186238A1
 GENERAL INFORMATION:
 APPLICANT: Third Wave Technologies
 APPLICANT: Allwai, Hatim
 APPLICANT: Bartholomay, Christian T.
 APPLICANT: Chehak, LuAnne
 APPLICANT: Curtis, Michelle L.
 APPLICANT: Eis, Peggy S.
 APPLICANT: Hall, Jeff G.
 APPLICANT: Ip, Hon S.
 APPLICANT: Ji, Lin
 APPLICANT: Kaiser, Michael
 APPLICANT: Kwiatkowski, Jr., Robert W.
 APPLICANT: Lukowiak, Andrew A.
 APPLICANT: Lymaicheva, Victor
 APPLICANT: Lymaicheva, Natalie E.
 APPLICANT: Ma, WuPo
 APPLICANT: Neri, Bruce P.
 APPLICANT: Olson, Sarah M.
 APPLICANT: Olson-Munoz, Marilyn C.
 APPLICANT: Schaefer, James J.
 APPLICANT: Skrzypczynski, Zbigniew
 APPLICANT: Takova, Tssetska Y.
 APPLICANT: Thompson, Lisa C.
 APPLICANT: Vedvik, Kevin L.
 TITLE OF INVENTION: RNA Detection Assays
 FILE REFERENCE: FORS-06666
 CURRENT APPLICATION NUMBER: US/10/084,839
 CURRENT FILING DATE: 2002-02-26
 NUMBER OF SEQ ID NOS: 4004
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 1130
 LENGTH: 35
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic
 US-10-084-839-1130

Query Match 1.0%; Score 12.2; DB 1; Length 35;
 Best Local Similarity 68.0%; Pred. No. 5.7e+02;
 Matches 17; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 1131 TGTATAGTAATTTATTTATTTT 1155
 ||||| ||||| ||||| ||||| |||||
 Db 3 TGTGAAGTAGATTGCTTGAGTT 27

RESULT 556
 US-10-084-839-1153
 Sequence 1153, Application US/10084839
 Publication No. US20030186238A1
 GENERAL INFORMATION:
 APPLICANT: Third Wave Technologies
 APPLICANT: Allwai, Hatim
 APPLICANT: Bartholomay, Christian T.
 APPLICANT: Chehak, LuAnne
 APPLICANT: Curtis, Michelle L.
 APPLICANT: Eis, Peggy S.
 APPLICANT: Hall, Jeff G.
 APPLICANT: Ip, Hon S.
 APPLICANT: Ji, Lin
 APPLICANT: Kaiser, Michael
 APPLICANT: Kwiatkowski, Jr., Robert W.
 APPLICANT: Lukowiak, Andrew A.
 APPLICANT: Lymaicheva, Victor
 APPLICANT: Lymaicheva, Natalie E.
 APPLICANT: Ma, WuPo
 APPLICANT: Neri, Bruce P.
 APPLICANT: Olson, Sarah M.

APPLICANT: Olson-Munoz, Marilyn C.
APPLICANT: Schaefer, James J.
APPLICANT: Skrzypczynski, Zbigniew
APPLICANT: Takova, Tsetska Y.
APPLICANT: Thompson, Lisa C.
APPLICANT: Vedvik, Kevin L.
TITLE OF INVENTION: RNA Detection Assays
FILE REFERENCE: FORS-06666
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1153
LENGTH: 35
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-084-839-1153

Query Match 1.0%; Score 12.2; DB 1; Length 35;
Best Local Similarity 68.0%; Pred No. 5,7e+02;
Matches 17; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 1131 TGTATAGTAATTTATTTATTTT 1155
|||||
DB 3 TGTGAGTAGATTGCTTGAAGTT 27

RESULT 557
US-10-084-839-1158
Sequence 1158, Application US/10084839
Publication No. US20030186238A1
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Allawi, Hatim
APPLICANT: Argue, Brad T.
APPLICANT: Bartholomay, Christian T.
APPLICANT: Chehak, LuAnne
APPLICANT: Curtis, Michelle L.
APPLICANT: Eis, Peggy S.
APPLICANT: Hall, Jeff G.
APPLICANT: Ip, Hon S.
APPLICANT: Ji, Lin
APPLICANT: Kaiser, Michael
APPLICANT: Kwiatkowski, Jr., Robert W.
APPLICANT: Olson-Munoz, Marilyn C.
APPLICANT: Schaefer, James J.
APPLICANT: Lyamichiev, Victor
APPLICANT: Lyamacheva, Natalie E.
APPLICANT: Ma, WuPo
APPLICANT: Neri, Bruce P.
APPLICANT: Olson, Sarah M.
APPLICANT: Olson-Munoz, Marilyn C.
APPLICANT: Schaefer, James J.
APPLICANT: Skrzypczynski, Zbigniew
APPLICANT: Takova, Tsetska Y.
APPLICANT: Thompson, Lisa C.
APPLICANT: Vedvik, Kevin L.
TITLE OF INVENTION: RNA Detection Assays
FILE REFERENCE: FORS-06666
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1158
LENGTH: 35
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-084-839-1158

Query Match 1.0%; Score 12.2; DB 1; Length 35;

Best Local Similarity 68.0%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 8; Indels 0; Gaps 0;
QY 1131 TGTATAGTAATTTATTTATTTT 1155
|||||
DB 3 TGTGAGTAGATTGCTTGAAGTT 27

RESULT 558
US-10-084-839-1163
Sequence 1163, Application US/10084839
Publication No. US20030186238A1
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Allawi, Hatim
APPLICANT: Argue, Brad T.
APPLICANT: Bartholomay, Christian T.
APPLICANT: Chehak, LuAnne
APPLICANT: Curtis, Michelle L.
APPLICANT: Eis, Peggy S.
APPLICANT: Hall, Jeff G.
APPLICANT: Ip, Hon S.
APPLICANT: Ji, Lin
APPLICANT: Kaiser, Michael
APPLICANT: Kwiatkowski, Jr., Robert W.
APPLICANT: Lukowiak, Andrew A.
APPLICANT: Lyamichiev, Victor
APPLICANT: Lyamacheva, Natalie E.
APPLICANT: Ma, WuPo
APPLICANT: Neri, Bruce P.
APPLICANT: Olson, Sarah M.
APPLICANT: Olson-Munoz, Marilyn C.
APPLICANT: Schaefer, James J.
APPLICANT: Skrzypczynski, Zbigniew
APPLICANT: Takova, Tsetska Y.
APPLICANT: Thompson, Lisa C.
APPLICANT: Vedvik, Kevin L.
TITLE OF INVENTION: RNA Detection Assays
FILE REFERENCE: FORS-06666
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1163
LENGTH: 35
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-084-839-1163

Query Match 1.0%; Score 12.2; DB 1; Length 35;
Best Local Similarity 68.0%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 1131 TGTATAGTAATTTATTTATTTT 1155
|||||
DB 3 TGTGAGTAGATTGCTTGAAGTT 27

RESULT 559
US-09-757-049A-30/c
Sequence 30, Application US/09757049A
Patent No. US20020127702A1
GENERAL INFORMATION:
APPLICANT: BERNSTEIN, Harold S.
APPLICANT: COUGHLIN, Shaun R.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REGULATING CELL CYCLE
TITLE OF INVENTION: PROGRESSION
FILE REFERENCE: UCSP-020/020S
CURRENT APPLICATION NUMBER: US/09/757,049A
CURRENT FILING DATE: 2001-01-08
PRIOR APPLICATION NUMBER: US 09/156,316

;; PRIOR FILING DATE: 1998-09-18
;; PRIOR APPLICATION NUMBER: US 60/060,688
;; PRIOR FILING DATE: 1997-09-22
;; NUMBER OF SEQ ID NOS: 50
;; SOFTWARE: PatentIn Ver. 2.1
;; SEQ ID NO 30
;; LENGTH: 12
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
IS-09-757-049A-30

Query Match 1.0%; Score 12; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

iy 838 TTCTGTTAAATC 849
|||||
ib 12 TTCTGTTAAATC 1

RESULT 560
IS-09-263-959-617
Sequence 617, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Koop, Ben F.
APPLICANT: Rowen, Lee

;; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
;; NUMBER OF SEQUENCES: 1279
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Seed and Berry LLP
;; STREET: 6300 Columbia Center, 701 Fifth Avenue
;; CITY: Seattle
;; STATE: Washington
;; COUNTRY: US
;; ZIP: 98104-7092

;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/263,959
;; FILING DATE: 05-MAR-1999
;; CLASSIFICATION:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: McMasters, David D.
;; REGISTRATION NUMBER: 33,963
;; REFERENCE/DOCKET NUMBER: 920010.426C2
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (206) 622-4900
;; TELEFAX: (206) 682-6031
;; INFORMATION FOR SEQ ID NO: 617:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 12 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear

IS-09-263-959-617
Query Match 1.0%; Score 12; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

iy 1143 TTATTTTATTT 1154
|||||
b 1 TTATTTTATTT 12

RESULT 561
IS-09-263-959-692
Sequence 692, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Koop, Ben F.
APPLICANT: Rowen, Lee

;; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
;; NUMBER OF SEQUENCES: 1279
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Seed and Berry LLP
;; STREET: 6300 Columbia Center, 701 Fifth Avenue
;; CITY: Seattle
;; STATE: Washington
;; COUNTRY: US
;; ZIP: 98104-7092

;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/263,959

RESULT 561

US-09-263-959-666
Sequence 666, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Koop, Ben F.
APPLICANT: Rowen, Lee

;; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
;; NUMBER OF SEQUENCES: 1279
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Seed and Berry LLP
;; STREET: 6300 Columbia Center, 701 Fifth Avenue
;; CITY: Seattle
;; STATE: Washington
;; COUNTRY: US
;; ZIP: 98104-7092

;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/263,959
;; FILING DATE: 05-MAR-1999
;; CLASSIFICATION:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: McMasters, David D.
;; REGISTRATION NUMBER: 33,963
;; REFERENCE/DOCKET NUMBER: 920010.426C2

;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (206) 682-6031
;; TELEFAX: (206) 682-6031
;; INFORMATION FOR SEQ ID NO: 666:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 12 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear

IS-09-263-959-666
Query Match 1.0%; Score 12; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

iy 1143 TTATTTTATTT 1154
|||||
b 1 TTATTTTATTT 12

RESULT 562
US-09-263-959-692
Sequence 692, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Koop, Ben F.
APPLICANT: Rowen, Lee

;; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
;; NUMBER OF SEQUENCES: 1279
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Seed and Berry LLP
;; STREET: 6300 Columbia Center, 701 Fifth Avenue
;; CITY: Seattle
;; STATE: Washington
;; COUNTRY: US
;; ZIP: 98104-7092

;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/263,959

RESULT 561

; FILING DATE: 05-MAR-1999
 ; CLASSIFICATION:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: McMasters, David D.
 ; REGISTRATION NUMBER: 33,963
 ; REFERENCE/DOCKET NUMBER: 920010.426C2
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (206) 622-4900
 ; TELEFAX: (206) 682-6031
 ; INFORMATION FOR SEQ ID NO: 692:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 12 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-09-263-959-692

Query Match 1.0%; Score 12; DB 1; Length 12;
 Best Local Similarity 100.0%; Pred. No. 3.6e+02;
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1143 TTTATTTTATTT 1154
 |||||
 Db 1 TTTATTTTATTT 12

RESULT 563
 US-09-263-959-799
 ; Sequence 799, Application US/09263959
 ; Patent No. US20020150891A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Hood, Leroy E.
 ; APPLICANT: Rowen, Lee
 ; APPLICANT: Koop, Ben F.
 ; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
 ; NUMBER OF SEQUENCES: 1279
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Seed and Berry LLP
 ; STREET: 6300 Columbia Center, 701 Fifth Avenue
 ; CITY: Seattle
 ; STATE: Washington
 ; COUNTRY: US
 ; ZIP: 98104-7092
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/263,959
 ; FILING DATE: 05-MAR-1999
 ; CLASSIFICATION:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: McMasters, David D.
 ; REGISTRATION NUMBER: 33,963
 ; REFERENCE/DOCKET NUMBER: 920010.426C2
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (206) 622-4900
 ; TELEFAX: (206) 682-6031
 ; INFORMATION FOR SEQ ID NO: 799:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 12 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-09-263-959-799

Query Match 1.0%; Score 12; DB 1; Length 12;
 Best Local Similarity 100.0%; Pred. No. 3.6e+02;
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1144 TTTATTTTATTT 1155
 |||||

Db 1 TTTATTTTATTT 12

RESULT 564
 US-09-263-959-814
 ; Sequence 814, Application US/09263959
 ; Patent No. US20020150891A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Hood, Leroy E.
 ; APPLICANT: Rowen, Lee
 ; APPLICANT: Koop, Ben F.
 ; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
 ; NUMBER OF SEQUENCES: 1279
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Seed and Berry LLP
 ; STREET: 6300 Columbia Center, 701 Fifth Avenue
 ; CITY: Seattle
 ; STATE: Washington
 ; COUNTRY: US
 ; ZIP: 98104-7092
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/263,959
 ; FILING DATE: 05-MAR-1999
 ; CLASSIFICATION:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: McMasters, David D.
 ; REGISTRATION NUMBER: 33,963
 ; REFERENCE/DOCKET NUMBER: 920010.426C2
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (206) 622-4900
 ; TELEFAX: (206) 682-6031
 ; INFORMATION FOR SEQ ID NO: 814:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 12 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-09-263-959-814

Query Match 1.0%; Score 12; DB 1; Length 12;
 Best Local Similarity 100.0%; Pred. No. 3.6e+02;
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1144 TTTATTTTATTT 1155
 |||||
 Db 1 TTTATTTTATTT 12

RESULT 565
 US-09-263-959-829/c
 ; Sequence 829, Application US/09263959
 ; Patent No. US20020150891A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Hood, Leroy E.
 ; APPLICANT: Rowen, Lee
 ; APPLICANT: Koop, Ben F.
 ; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
 ; NUMBER OF SEQUENCES: 1279
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Seed and Berry LLP
 ; STREET: 6300 Columbia Center, 701 Fifth Avenue
 ; CITY: Seattle
 ; STATE: Washington
 ; COUNTRY: US
 ; ZIP: 98104-7092
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959

FILING DATE: 05-MAR-1999
CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: McWaters, David D.

REGISTRATION NUMBER: 33,963

REFERENCE/DOCKET NUMBER: 920010.426C2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 829:

SEQUENCE CHARACTERISTICS:

LENGTH: 12 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

S-09-263-959-829

Query Match 1.0%; Score 12; DB 1; Length 12;

Best Local Similarity 100.0%; Pred. No. 3.6e+02;

Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 1143 TTTATTTTATTT 1154

b 12 TTTATTTTATTT 1

RESULT 566

S-10-091-281-90

Sequence 90, Application US/10091281

Publication No. US20030190617A1

GENERAL INFORMATION:

APPLICANT: RAYMOND, VINCENT

APPLICANT: SI, ERWIN

APPLICANT: MORISSETTE, JEAN

TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF

FILE REFERENCE: 13587.338

CURRENT APPLICATION NUMBER: US/10/091,281

CURRENT FILING DATE: 2002-03-06

NUMBER OF SEQ ID NOS: 463

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 90

LENGTH: 12

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

OTHER INFORMATION: Putative MYT1/MYT1.01 motif

S-10-091-281-90

Query Match

Best Local Similarity 100.0%; Score 12; DB 1; Length 12;

Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 522 TAAATTTGATT 533

b 1 TAAATTTGATT 12

RESULT 567

S-09-978-295A-556

Sequence 556, Application US/09978295A

Patent No. US20020156006A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan

APPLICANT: Ferrara, Napoleon

APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
ACIDS
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCES: P2630P1C11
CURRENT APPLICATION NUMBER: US/09/978,295A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/079923
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;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 692 TGGGCCAAGGC 703
DB 1 TGGGCCAAGGC 12

RESULT 568
US-09-978-697-556
; Sequence 556, Application US/09978697
; Patent No. US20020169284A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey J.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C27
CURRENT APPLICATION NUMBER: US/09/978,697
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
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RESULT 569
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Patent No. US20020177553A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
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APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PLC9
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CURRENT FILING DATE: 2001-10-15
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PRIOR APPLICATION NUMBER: 60/085697

Query Match 1.0%; Score 12; DB 1; Length 15;

Best Local Similarity 100.0%; Pred. No. 4.3e+02; Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 692 TGGGCCAAGGCG 703

DB 1 TGGGCCAAGGCG 12

RESULT 570

US-09-999-832A-556

; Sequence 556, Application US/09999832A

; Publication No. US20020192706A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

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; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James;

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C63
CURRENT APPLICATION NUMBER: US/09/999,832A
CURRENT FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
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PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
PRIOR FILING DATE: 1998-03-30
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PRIOR APPLICATION NUMBER: 60/080105
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080107
PRIOR FILING DATE: 1998-03-31
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PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
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PRIOR APPLICATION NUMBER: 60/080328
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PRIOR APPLICATION NUMBER: 60/080333
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PRIOR APPLICATION NUMBER: 60/081070
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PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
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PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
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PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
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PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07

PRIOR APPLICATION NUMBER: 60/084643
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
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PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

692 TGGCCCAAGGCG 703
|||||
1 TGGCCCAAGGCG 12

RESULT 571
IS-09-978-189-556
Sequence 556, Application US/09978189
Publication No. US20030004102A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Forg, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Geritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godwaki, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin M.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavini, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Pao, Nicholas P.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C7
CURRENT APPLICATION NUMBER: US/09/978,189
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/915585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
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PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
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PRIOR FILING DATE: 1998-03-20
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PRIOR FILING DATE: 1998-03-31
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PRIOR FILING DATE: 1998-04-08
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PRIOR FILING DATE: 1998-04-09

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 ; PRIOR APPLICATION NUMBER: 60/083496
 ; PRIOR FILING DATE: 1998-04-29
 ; PRIOR APPLICATION NUMBER: 60/083499
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; PRIOR FILING DATE: 1998-05-13
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 ; PRIOR APPLICATION NUMBER: 60/085697

Query Match 1.0%; Score 12; DB 1; Length 15;

Best Local Similarity 100.0%; Pred. No. 4.3e+02; Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 692 TGGGCCAAGGC 703
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 DB 1 TGGGCCAAGGC 12

RESULT 572

US-09-978-608A-556
 ; Sequence 556, Application US/09978608A
 ; Publication No. US20030045462A1

GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Baker Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan
 ; APPLICANT: Ferrara, Napoleon
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Audrey
 ; APPLICANT: Goddard, Mary G.
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, J. Christopher
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Kljavin, Ivar J.
 ; APPLICANT: Kuo, Sophia S.
 ; APPLICANT: Napier, Mary A.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Shelton, David L.
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acids Encoding the Same
 FILE REFERENCE: P2630PIC22
 CURRENT APPLICATION NUMBER: US/09/978, 608A
 CURRENT FILING DATE: 2001-10-16
 NUMBER OF SEQ ID NOS: 624
 Prior Application removed - See File Wrapper or Palm

SEQ ID NO 556
 LENGTH: 15
 TYPE: DNA

ORGANISM: Artificial Sequence
 FEATURE:

OTHER INFORMATION: Synthetic oligonucleotide probe
 US-09-978-608A-556

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02; Indels 0;
Matches 12; Conservative 0; Mismatches 0; Gaps 0;

692 TGGGCCAAGGCG 703
1 TGGGCCAAGGCG 12

RESULT 573

3-09-978-585A-556
Sequence 556, Application US/09978585A
Publication No. US20030049633A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
Acids Encoding the Same

FILE REFERENCE: P2630PIC15

CURRENT APPLICATION NUMBER: US/09/978,585A

CURRENT FILING DATE: 2001-10-16

NUMBER OF SEQ ID NOS: 624

Prior Application removed - See File Wrapper or Palm

SEQ ID NO 556

LENGTH: 15

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic oligonucleotide probe

S-09-978-585A-556

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02; Indels 0;
Matches 12; Conservative 0; Mismatches 0; Gaps 0;

692 TGGGCCAAGGCG 703
1 TGGGCCAAGGCG 12

RESULT 574

3-09-978-191A-556

Sequence 556, Application US/09978191A

Publication No. US20030050239A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
Acids Encoding the Same
FILE REFERENCE: P2630PIC14
CURRENT APPLICATION NUMBER: US/09/978,191A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
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PRIOR FILING DATE: 1998-03-12
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PRIOR APPLICATION NUMBER: 60/078939
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PRIOR APPLICATION NUMBER: 60/079294
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PRIOR FILING DATE: 1998-03-27

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;; PRIOR FILING DATE: 1998-03-31
;; PRIOR APPLICATION NUMBER: 60/080327
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;; PRIOR APPLICATION NUMBER: 60/080328
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;; PRIOR FILING DATE: 1998-04-29
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;; PRIOR FILING DATE: 1998-04-29
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;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 692 TGGGCCAAGGC 703
Db 1 TGGGCCAAGGC 12

RESULT 575
US-09-978-403A-556
; Sequence 556, Application US/09978403A
; Publication No. US20030050240A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C17
CURRENT APPLICATION NUMBER: US/09/978,403A
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 09/918595
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
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PRIOR APPLICATION NUMBER: 60/080105
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1 PRIOR FILING DATE: 1998-03-31
2 PRIOR APPLICATION NUMBER: 60/080165
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4 PRIOR APPLICATION NUMBER: 60/080194
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6 PRIOR APPLICATION NUMBER: 60/080327
7 PRIOR FILING DATE: 1998-04-01
8 PRIOR APPLICATION NUMBER: 60/080328
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73 PRIOR FILING DATE: 1998-04-30

7 PRIOR APPLICATION NUMBER: 60/084366
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7 PRIOR FILING DATE: 1998-05-15
7 PRIOR APPLICATION NUMBER: 60/085697

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 692 TGGGCCAAGGCG 703
Db 1 TGGGCCAAGGCG 12

RESULT 576

US-978-564A-556
Sequence 556, Application US/09978564A
Publication No. US20030050241A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavini, Ivar J.

7 APPLICANT: Kuo, Sophia S.
7 APPLICANT: Napier, Mary A.
7 APPLICANT: Pan, James
7 APPLICANT: Paoni, Nicholas P.
7 APPLICANT: Roy, Margaret Ann
7 APPLICANT: Shelton, David L.
7 APPLICANT: Stewart, Timothy A.
7 APPLICANT: Tumas, Daniel
7 APPLICANT: Williams, P. Mickey
7 APPLICANT: Wood, William I.
7 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
7 TITLE OF INVENTION: Acids Encoding the Same
7 FILE REFERENCE: P2630PIC25
7 CURRENT APPLICATION NUMBER: US/09/978,564A
7 CURRENT FILING DATE: 2001-10-18
7 PRIOR APPLICATION NUMBER: 09/918585
7 PRIOR FILING DATE: 2001-07-30
7 PRIOR APPLICATION NUMBER: 60/062250
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7 PRIOR FILING DATE: 1998-04-01

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PRIOR APPLICATION NUMBER: 60/085700
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PRIOR FILING DATE: 1998-05-15
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PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 692 TGGGCCAAGGCG 703
Dd 1 TGGGCCAAGGCG 12

RESULT 577
US-09-999-833A-556
Sequence 556, Application US/09999833A
Publication No. US20030054405A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas P.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C65
CURRENT APPLICATION NUMBER: US/09/999,833A
CURRENT FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
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PRIOR FILING DATE: 1998-04-21
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PRIOR APPLICATION NUMBER: 60/082704
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 ; PRIOR APPLICATION NUMBER: 60/085704
 ; PRIOR FILING DATE: 1998-05-15
 ; PRIOR APPLICATION NUMBER: 60/085697

Query Match 1.0%; Score 12; DB 1; Length 15;

Best Local Similarity 100.0%; Pred. No. 4.3e+02; Indels 0; Gaps 0;

Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 692 TGGGCCAAGGCG 703

b 1 TGGGCCAAGGCG 12

RESULT 578

S-05-981-915A-556
 Sequence 556, Application US/09981915A
 Publication No. US20030054986A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
 APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan
 APPLICANT: Ferrara, Napoleon
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Garber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Kijavini, Ivar J.
 APPLICANT: Kuo, Sophia S.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acids Encoding the Same
 FILE REFERENCE: P2630P1C12
 CURRENT APPLICATION NUMBER: US/09/981,915A

; CURRENT FILING DATE: 2001-10-16
 ; PRIOR APPLICATION NUMBER: 09/918585
 ; PRIOR FILING DATE: 2001-07-30
 ; PRIOR APPLICATION NUMBER: 60/062250
 ; PRIOR FILING DATE: 1997-10-17
 ; PRIOR APPLICATION NUMBER: 60/064249
 ; PRIOR FILING DATE: 1997-11-03
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Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 692 TGGGCCAAGGC 703

Db 1 TGGGCCAAGGC 12

RESULT 579

US-09-978-824-556
; Sequence 556, Application US/09978824
; Publication No. US20030055216A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC14
; CURRENT APPLICATION NUMBER: US/09/978,824
; CURRENT FILING DATE: 2001-10-17
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
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PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081817


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; PRIOR APPLICATION NUMBER: 60/085700
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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match          1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2y      692 TGGGCCAAGGCG 703
db      1 TGGGCCAAGGCG 12

RESULT 580
US-09-918-585A-556
; Sequence 556 Application US/0918585A
; Publication No. US20030060406A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secured and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC1
; CURRENT APPLICATION NUMBER: US/09/918,585A
; CURRENT FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
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; PRIOR FILING DATE: 1998-04-15
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; PRIOR FILING DATE: 1998-05-15
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Query Match          100%   Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0
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QY      692 TGGGCCCAAGGC 703
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Db      1 TGGGCCCAAGGC 12
;
RESULT 581
US-09-978-423A-556
; Sequence 556, Application US/09978423A
; Publication No. US20030069178A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Pilvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Garney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
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; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
;
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides
;
; TITLE OF INVENTION: Acids Encoding the Same
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; FILE REFERENCE: P2630P1C21
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; CURRENT APPLICATION NUMBER: US/09/978,423A
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; CURRENT FILING DATE: 2002-05-16
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; PRIOR APPLICATION NUMBER: 09/918585
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; PRIOR FILING DATE: 2001-07-30
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; PRIOR APPLICATION NUMBER: 60/062250
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; PRIOR FILING DATE: 1997-10-17
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; PRIOR APPLICATION NUMBER: 60/064249
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; PRIOR FILING DATE: 1997-11-03
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; PRIOR APPLICATION NUMBER: 60/077641
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; PRIOR FILING DATE: 1998-03-11
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; PRIOR APPLICATION NUMBER: 60/077649
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; PRIOR FILING DATE: 1998-03-12
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Query Match 1.0%; Score 12; DB 1; Length 15;
Best local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 692 TGGGCCAAGGCG 703
b 1 TGGGCCAAGGCG 12

RESULT 582

S-09-978-193A-556

Sequence 556, Application US/09978193A

Publication No. US20030073624A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC6
CURRENT APPLICATION NUMBER: US/09/978,193A
CURRENT FILING DATE: 2002-02-21
PRIOR APPLICATION NUMBER: 09/318585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
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Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 692 TGGGCCAAGGC 703
1 TGGGCCAAGGC 12

DB

RESULT 583
US-09-999-830A-556
Sequence 556, Application US/09999830A
Publication No. US2003007700A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
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APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PLC70
CURRENT APPLICATION NUMBER: US/09/999.830A
CURRENT FILING DATE: 2001-08-31
PRIOR APPLICATION NUMBER: 09/918585
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PRIOR APPLICATION NUMBER: 60/085697

Query Match 1.0%; Score 12; DB 1; Length 15;
Best local similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 692 TGGGCCCAAGGCG 703
Db 1 TGGGCCCAAGGCG 12

RESULT 584
US-09-978-757A-556
; Sequence 556 Application US/09978757A
; Publication No. US20030083248A1
; GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary B.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
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APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC26
CURRENT APPLICATION NUMBER: US/09/978,757A
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
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 PRIOR APPLICATION NUMBER: 60/084366
 PRIOR FILING DATE: 1998-05-05
 PRIOR APPLICATION NUMBER: 60/084414
 PRIOR FILING DATE: 1998-05-06
 PRIOR APPLICATION NUMBER: 60/084441
 PRIOR FILING DATE: 1998-05-06
 PRIOR APPLICATION NUMBER: 60/084637
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 PRIOR APPLICATION NUMBER: 60/084640
 PRIOR FILING DATE: 1998-05-07
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 PRIOR APPLICATION NUMBER: 60/084600
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084627
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 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085700
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085689
 PRIOR FILING DATE: 1998-05-15
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 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085580
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085573
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085704
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085697

Query Match 1.0%; Score 12; DB 1; Length 15;
 Best Local Similarity 100.0%; Pred. No. 4.3e+02;
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

692 TGGGCCAAGGCG 703
 1 TGGGCCAAGGCG 12

RESULT 585

IS-09-978-187B-556
 Sequence 556, Application US/09978187B
 Publication No. US20030096744A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
 APPLICANT: Baker Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Deonoyers, Luc
 APPLICANT: Eaton, Dan
 APPLICANT: Ferrara, Napoleon
 APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Kljavin, Ivar J.
 APPLICANT: Kuo, Sophia S.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: P2630PIC5
 CURRENT APPLICATION NUMBER: US/09/978,187B
 CURRENT FILING DATE: 2001-10-15
 PRIOR APPLICATION NUMBER: 09/918585
 PRIOR FILING DATE: 2001-07-30
 PRIOR APPLICATION NUMBER: 60/062250
 PRIOR FILING DATE: 1997-10-17
 PRIOR APPLICATION NUMBER: 60/064249
 PRIOR FILING DATE: 1997-11-03
 PRIOR APPLICATION NUMBER: 60/065311
 PRIOR FILING DATE: 1997-11-13
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 PRIOR FILING DATE: 1997-11-21
 PRIOR APPLICATION NUMBER: 60/077450
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 PRIOR FILING DATE: 1998-03-27
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 PRIOR FILING DATE: 1998-03-30
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 PRIOR FILING DATE: 1998-03-30

;; PRIOR APPLICATION NUMBER: 60/080105
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;; PRIOR APPLICATION NUMBER: 60/083500

;; PRIOR FILING DATE: 1998-04-29
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;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred.No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 692 TGGGCCAAGGC 703

Db 1 TGGGCCAAGGC 12

RESULT 586

US-09-978-643A-556
; Sequence 556, Application US/09978643A
; Publication No. US20030104998A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C16
CURRENT APPLICATION NUMBER: US/09/978,643A
CURRENT FILING DATE: 2001-10-16
NUMBER OF SEQ ID NOS: 624
Prior Application removed - See File Wrapper or Palm
SEQ ID NO 556
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-978-643A-556

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2Y 692 TGGGCCAAGGCG 703
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Db 1 TGGGCCAAGGCG 12

RESULT 587
US-09-978-375A-556
Sequence 556, Application US/09978375A
Publication No. US20030130181A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Goddard, Audrey
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C24
CURRENT APPLICATION NUMBER: US/09/978,375A

CURRENT FILING DATE: 2002-04-19
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 556
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-978-375A-556

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 592 TGGGCCAAGGCG 703
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Db 1 TGGGCCAAGGCG 12

RESULT 588
US-09-978-188A-556
Sequence 556, Application US/09978188A
Publication No. US20030139328A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C8
CURRENT APPLICATION NUMBER: US/09/978,188A
CURRENT FILING DATE: 2001-10-15
Prior Application Number: 09/918585
Prior Filing Date: 2001-07-30
Prior Application Number: 60/062250
Prior Filing Date: 1997-10-17
Prior Application Number: 60/064249
Prior Filing Date: 1997-11-03
Prior Application Number: 60/065311
Prior Filing Date: 1997-11-13
Prior Application Number: 60/066364
Prior Filing Date: 1997-11-21
Prior Application Number: 60/077450
Prior Filing Date: 1998-03-10
Prior Application Number: 60/077632
Prior Filing Date: 1998-03-11
Prior Application Number: 60/077641
Prior Filing Date: 1998-03-11

PRIOR FILING DATE: 1998-04-21	PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22	PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22	PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22	PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22	PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23	PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27	PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28	PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29	PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29	PRIOR APPLICATION NUMBER: 60/083496
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PRIOR FILING DATE: 1998-05-06	PRIOR APPLICATION NUMBER: 60/084441
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PRIOR FILING DATE: 1998-05-07	PRIOR APPLICATION NUMBER: 60/084643
PRIOR FILING DATE: 1998-05-07	PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13	PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13	PRIOR APPLICATION NUMBER: 60/085323
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PRIOR FILING DATE: 1998-05-15	PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15	PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15	PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15	PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15	PRIOR APPLICATION NUMBER: 60/085573
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PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e-02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 692 TGGGCCCAAGGC 703
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b 1 TGGGCCCAAGGC 12

RESULT 589

S-09-978-298A-556
Sequence 556, Application US/09978298A
Publication No. US20030134785A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan
APPLICANT: Ferrara Napoleon
APPLICANT: Pilvaroff, Ellen
APPLICANT: Pong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C2
CURRENT APPLICATION NUMBER: US/09/978,298A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918595
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
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;; PRIOR APPLICATION NUMBER: 60/082804
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082700
;; PRIOR FILING DATE: 1998-04-22

PRIOR APPLICATION NUMBER: 60/082797
 PRIOR FILING DATE: 1998-04-22
 PRIOR APPLICATION NUMBER: 60/082796
 PRIOR FILING DATE: 1998-04-23
 PRIOR APPLICATION NUMBER: 60/083336
 PRIOR FILING DATE: 1998-04-27
 PRIOR APPLICATION NUMBER: 60/083322
 PRIOR FILING DATE: 1998-04-28
 PRIOR APPLICATION NUMBER: 60/083392
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083495
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083496
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083499
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083545
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083554
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083558
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083559
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083500
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083742
 PRIOR FILING DATE: 1998-04-30
 PRIOR APPLICATION NUMBER: 60/084366
 PRIOR FILING DATE: 1998-05-05
 PRIOR APPLICATION NUMBER: 60/084414
 PRIOR FILING DATE: 1998-05-06
 PRIOR APPLICATION NUMBER: 60/084441
 PRIOR FILING DATE: 1998-05-06
 PRIOR APPLICATION NUMBER: 60/084637
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084639
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084640
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084627
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084643
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/085339
 PRIOR FILING DATE: 1998-05-13
 PRIOR APPLICATION NUMBER: 60/085338
 PRIOR FILING DATE: 1998-05-13
 PRIOR APPLICATION NUMBER: 60/085323
 PRIOR FILING DATE: 1998-05-13
 PRIOR APPLICATION NUMBER: 60/085582
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085700
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085689
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085579
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085580
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085573
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085704
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085697

Query Match 1.0%; Score 12; DB 1; Length 15;
 Best Local Similarity 100.0%; Pred. No. 4.3e+02;
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 692 TGGCCCAAGGCG 703
 DB 1 TGGCCCAAGGCG 12

RESULT 590

US-10-143-031A-556
 Sequence 556, Application US/10143031A
 Publication No. US20030138439A1
 GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Baker Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan
 APPLICANT: Ferrara, Napoleon
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey J.
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Kijavin, Ivar J.
 APPLICANT: Kuo, Sophia S.
 APPLICANT: Kapier, Mary A.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acids Encoding the Same
 FILE REFERENCE: P2630PIC39
 CURRENT APPLICATION NUMBER: US/10/143,031A
 CURRENT FILING DATE: 2002-10-10
 PRIOR APPLICATION NUMBER: 09/918585
 PRIOR FILING DATE: 2001-07-30
 PRIOR APPLICATION NUMBER: 60/062250
 PRIOR FILING DATE: 1997-10-17
 PRIOR APPLICATION NUMBER: 60/064249
 PRIOR FILING DATE: 1997-11-03
 PRIOR APPLICATION NUMBER: 60/065311
 PRIOR FILING DATE: 1997-11-13
 PRIOR APPLICATION NUMBER: 60/066364
 PRIOR FILING DATE: 1997-11-21
 PRIOR APPLICATION NUMBER: 60/077450
 PRIOR FILING DATE: 1998-03-10
 PRIOR APPLICATION NUMBER: 60/077632
 PRIOR FILING DATE: 1998-03-11
 PRIOR APPLICATION NUMBER: 60/077641
 PRIOR FILING DATE: 1998-03-11
 PRIOR APPLICATION NUMBER: 60/077649
 PRIOR FILING DATE: 1998-03-11
 PRIOR APPLICATION NUMBER: 60/077791
 PRIOR FILING DATE: 1998-03-12
 Remaining Prior Application data removed - See File Wrapper or PALM.
 NUMBER OF SEQ ID NOS: 624
 SEQ ID NO 556
 LENGTH: 15
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic oligonucleotide probe
 US-10-143-031A-556

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

b/ 692 TGGGCCAAGGCG 703
b 1 TGGGCCAAGGCG 12

RESULT 591

S-10-002-967A-556
Sequence 556, Application US/10002967A
Publication No. US20030148373A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gottfredsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas P.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C72
CURRENT APPLICATION NUMBER: US/10/002,967A
CURRENT FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910

PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
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PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079683
PRIOR FILING DATE: 1998-03-27
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PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/079923
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/080105
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080107
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080333
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080334
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081070
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081049
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081071
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081955
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
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PRIOR FILING DATE: 1998-04-15
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PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081838
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23

PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083499
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084639
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084643
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085582
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 692 TGGGCCCAAGGC 703
Db 1 TGGGCCCAAGGC 12

RESULT 592
US-10-017-083A-556
Sequence 556, Application US/10017083A
Publication No. US20030148376A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PIC67
CURRENT APPLICATION NUMBER: US/10/017,083A
CURRENT FILING DATE: 2001-10-24
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 556
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-083A-556

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 692 TGGGCCCAAGGC 703
Db 1 TGGGCCCAAGGC 12

RESULT 593
US-10-143-030A-556
Sequence 556, Application US/10143030A
Publication No. US20030147901A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Kijavlin, Ivar J.
 APPLICANT: Kuo, Sophia S.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas P.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2630PIC33

CURRENT FILING DATE: 2002-08-27

PRIOR APPLICATION NUMBER: US/10/143,030A

PRIOR FILING DATE: 2002-08-27

PRIOR FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/064249

PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/065311

PRIOR FILING DATE: 1997-11-13

PRIOR APPLICATION NUMBER: 60/066364

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: 60/077450

PRIOR FILING DATE: 1998-03-10

PRIOR APPLICATION NUMBER: 60/077632

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077641

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077649

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077791

PRIOR FILING DATE: 1998-03-12

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 624

SEQ ID NO 556

LENGTH: 15

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic oligonucleotide probe

S-10-143-030A-556

Query Match 1.0%; Score 12; DB 1; Length 15;

Best Local Similarity 100.0%; Pred. No. 4.3e-02;

Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 692 TGGGCCCAAGGC 703

b 1 TGGGCCCAAGGC 12

RESULT 594

S-10-145-128A-556

Sequence 556, Application US/10145128A

Publication No. US20030157615A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan

APPLICANT: Ferrara, Napoleon

APPLICANT: Flivaroff, Ellen

APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Kijavlin, Ivar J.
 APPLICANT: Kuo, Sophia S.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas P.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2630PIC46

CURRENT APPLICATION NUMBER: US/10/145,128A

PRIOR FILING DATE: 2002-10-01

PRIOR APPLICATION NUMBER: 09/918585

PRIOR FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/064249

PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/065311

PRIOR FILING DATE: 1997-11-13

PRIOR APPLICATION NUMBER: 60/066364

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: 60/077450

PRIOR FILING DATE: 1998-03-10

PRIOR APPLICATION NUMBER: 60/077632

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077641

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077649

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077791

PRIOR FILING DATE: 1998-03-12

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 624

SEQ ID NO 556

LENGTH: 15

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic oligonucleotide probe

US-10-145-128A-556

Query Match 1.0%; Score 12; DB 1; Length 15;

Best Local Similarity 100.0%; Pred. No. 4.3e-02;

Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 692 TGGGCCCAAGGC 703

Db 1 TGGGCCCAAGGC 12

RESULT 595

US-10-017-191A-556

Sequence 556, Application US/10017191A

Publication No. US20030170254A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan

APPLICANT: Ferrara, Napoleon

APPLICANT: Flivaroff, Ellen

APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavini, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC62
CURRENT APPLICATION NUMBER: US/10/017,191A
CURRENT FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
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PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
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PRIOR APPLICATION NUMBER: 60/081203
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PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084639
PRIOR FILING DATE: 1998-05-07
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PRIOR FILING DATE: 1998-05-07
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PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084643
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
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PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085582
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
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PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 1.08; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 692 TGGGCCAAGGCG 703
DB 1 TGGGCCAAGGCG 12

RESULT 596
US-10-279-061-50
Sequence 50, Application US/10279061
Publication No. US20030170811A1
GENERAL INFORMATION:
APPLICANT: UEDA, IKUO
APPLICANT: NIWA, MINRO
APPLICANT: SAITO, YOSHIMASA
APPLICANT: YAMADA, HISASHI
APPLICANT: ISHII, YOSHINORI
TITLE OF INVENTION: PROCESS FOR THE PRODUCTION OF ALPHA-HUMAN ATRIAL NATRIURETIC POLY
FILE REFERENCE: 0018-1100-0CONT
CURRENT APPLICATION NUMBER: US/10/279,061
CURRENT FILING DATE: 2002-10-24
PRIOR APPLICATION NUMBER: US/09/531,488B
PRIOR FILING DATE: 2000-03-20

PRIOR APPLICATION NUMBER: 08/638,941
PRIOR FILING DATE: 1996-04-25
PRIOR APPLICATION NUMBER: UK 8515686
PRIOR FILING DATE: 1985-06-20
PRIOR APPLICATION NUMBER: UK 8600754
PRIOR FILING DATE: 1986-01-14
PRIOR APPLICATION NUMBER: 08/370,356
PRIOR FILING DATE: 1995-01-09
PRIOR APPLICATION NUMBER: 08/073,043
PRIOR FILING DATE: 1993-06-08
PRIOR APPLICATION NUMBER: 07/385,952
PRIOR FILING DATE: 1989-07-28
PRIOR APPLICATION NUMBER: 06/875,880
PRIOR FILING DATE: 1986-06-18
NUMBER OF SEQ ID NOS: 88
SOFTWARE: PatentIn version 3.1
SEQ ID NO 50
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: synthetic DNA
US-10-279-061-50

Query Match 1.08; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 452 TCTACTTCAACA 463
DB 2 TCTACTTCAACA 13

RESULT 597
US-10-143-028A-556
Sequence 556, Application US/10143028A
Publication No. US20030180310A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary G.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PIC37
CURRENT APPLICATION NUMBER: US/10/143,028A
CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
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PRIOR APPLICATION NUMBER: 60/077649
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PRIOR APPLICATION NUMBER: 60/077791
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PRIOR FILING DATE: 1998-04-08
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PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 692 TGGGCCAAGGC 703
Dd 1 TGGGCCAAGGC 12

RESULT 598
US-10-143-029A-556
Sequence 556, Application US/10143029A
Publication No. US20030180311A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas P.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C54
CURRENT APPLICATION NUMBER: US/10/143,029A
CURRENT FILING DATE: 2001-10-19

PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081955
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PRIOR FILING DATE: 1998-04-15
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PRIOR APPLICATION NUMBER: 60/085697

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 692 TGGGCCAAGGCG 703
Db 1 TGGGCCAAGGCG 12
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RESULT 599

US-10-145-089A-556
; Sequence 556, Application US/10145089A
; Publication No. US20030180867A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James.
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC31
; CURRENT FILING DATE: 2002-09-04
; PRIOR APPLICATION NUMBER: US/10/145,089A
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 556
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-089A-556

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 692 TGGGCCAAGGGC 703
|||||
Db 1 TGGGCCAAGGGC 12

RESULT 600

US-10-013-926A-556
; Sequence 556, Application US/10013926A
; Publication No. US20030187241A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Pong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC80
; CURRENT APPLICATION NUMBER: US/10/013,926A
; CURRENT FILING DATE: 2002-09-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 556
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-926A-556

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 692 TGGGCCAAGGGC 703
|||||
Db 1 TGGGCCAAGGGC 12

RESULT 601

US-10-145-017A-556
; Sequence 556, Application US/10145017A
; Publication No. US20030186365A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Pong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC32
; CURRENT APPLICATION NUMBER: US/10/145,017A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585

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; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 556
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-017A-556

```

```

Query Match      1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      692 TGGGCCCAAGGCG 703
DB      1 TGGGCCCAAGGCG 12

```

RESULT 602

```

US-10-164-728A-556
; Sequence 556, Application US/10164728A
; Publication No. US20030186368A1

```

GENERAL INFORMATION:

```

; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C43

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; CURRENT APPLICATION NUMBER: US/10/164,728A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 556
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-164-728A-556

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Query Match      1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      692 TGGGCCCAAGGCG 703
DB      1 TGGGCCCAAGGCG 12

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RESULT 603

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US-10-165-067A-556
; Sequence 556, Application US/10165067A
; Publication No. US20030185841A1

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GENERAL INFORMATION:

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; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.

```

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC42
; CURRENT APPLICATION NUMBER: US/10/165,067A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 556
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-165-067A-556

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred.No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 692 TGGGCGAAGGC 703
Db 1 TGGGCGAAGGC 12

RESULT 604
US-10-091-281-89
; Sequence 89, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; APPLICANT: MORISSETTE, JEAN
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13597.338
; CURRENT APPLICATION NUMBER: US/10/091,281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 89
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative RPOA/APOLYA.01 motif
US-10-091-281-89

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred.No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 522 TAAATTTGAAT 533
Db 3 TAAATTTGAAT 14

RESULT 605
US-10-145-124A-556
; Sequence 556, Application US/10145124A
; Publication No. US20030190701A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC44
; CURRENT APPLICATION NUMBER: US/10/145,124A
; CURRENT FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 556
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-124A-556

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred.No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 692 TGGGCCAAGGCG 703
b |||||
1 TGGGCCAAGGCG 12

Best local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 606

US-10-160-502A-556
Sequence 556, Application US/10160502A
Publication No. US20030190703A1
GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Austin L.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
Acids Encoding the Same

FILE REFERENCE: P2630P1C57

CURRENT APPLICATION NUMBER: US/10/160,502A

CURRENT FILING DATE: 2001-10-19

PRIOR FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/064249

PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/065311

PRIOR FILING DATE: 1997-11-13

PRIOR APPLICATION NUMBER: 60/066364

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: 60/077450

PRIOR FILING DATE: 1998-03-10

PRIOR APPLICATION NUMBER: 60/077632

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077641

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077649

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077791

PRIOR FILING DATE: 1998-03-12

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 624

SEQ ID NO 556

LENGTH: 15

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic oligonucleotide probe

S-10-160-502A-556

Query Match 1.0%; Score 12; DB 1; Length 15;

RESULT 607

US-10-165-247A-556
Sequence 556, Application US/10165247A
Publication No. US20030190321A1
GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
Acids Encoding the Same

FILE REFERENCE: P2630P1C41

CURRENT APPLICATION NUMBER: US/10/165,247A

CURRENT FILING DATE: 2001-10-19

PRIOR FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/064249

PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/065311

PRIOR FILING DATE: 1997-11-13

PRIOR APPLICATION NUMBER: 60/066364

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: 60/077450

PRIOR FILING DATE: 1998-03-10

PRIOR APPLICATION NUMBER: 60/077632

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077641

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077649

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077791

PRIOR FILING DATE: 1998-03-12

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 624

SEQ ID NO 556

LENGTH: 15

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic oligonucleotide probe

US-10-165-247A-556

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 692 TGCGCCAGGGC 703

DB 1 TGCGCCAGGGC 12

RESULT 608

US-09-978-194A-556
Sequence 556, Application US/09978194A

Publication No. US2003019533A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Faoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
Acids Encoding the Same
FILE REFERENCE: P2630P1C10
CURRENT APPLICATION NUMBER: US/09/978,194A
PRIOR FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
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PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936

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PRIOR FILING DATE: 1998-03-20
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PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
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PRIOR FILING DATE: 1998-04-01
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PRIOR APPLICATION NUMBER: 60/080334
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081070
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PRIOR APPLICATION NUMBER: 60/081071
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PRIOR FILING DATE: 1998-04-15
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PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
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PRIOR FILING DATE: 1998-04-22
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PRIOR FILING DATE: 1998-04-22

PRIOR APPLICATION NUMBER: 60/082796
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 PRIOR FILING DATE: 1998-05-06
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 PRIOR FILING DATE: 1998-05-06
 PRIOR APPLICATION NUMBER: 60/084637
 PRIOR FILING DATE: 1998-05-07
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 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084640
 PRIOR FILING DATE: 1998-05-07
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 PRIOR FILING DATE: 1998-05-07
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 PRIOR FILING DATE: 1998-05-07
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 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085580
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085573
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085704
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085697

Query Match 1.0%; Score 12; DB 1; Length 15;
 Best local Similarity 100.0%; Pred. No. 4.3e+02;
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

692 TGGCCCAAGGC 703

Y

Db 1 TGGCCCAAGGC 12
 RESULT 609
 US-09-978-681A-556
 ; Sequence 556, Application US/09978681A
 ; Publication No. US20030195148A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Baker Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Sacon, Dan
 ; APPLICANT: Ferrara, Napoleon
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gertzsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, J. Christopher
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Kljavin, Ivar J.
 ; APPLICANT: Kuo, Sophia S.
 ; APPLICANT: Napier, Mary A.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Shelton, David L.
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; TITLE OF INVENTION: Acids Encoding the Same
 ; FILE REFERENCE: P2630P1C18
 ; CURRENT APPLICATION NUMBER: US/09/978, 681A
 ; CURRENT FILING DATE: 2002-03-19
 ; PRIOR APPLICATION NUMBER: 09/918585
 ; PRIOR FILING DATE: 2001-07-30
 ; PRIOR APPLICATION NUMBER: 60/062250
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;; PRIOR APPLICATION NUMBER: 60/083495
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;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 692 TGGGCCAAGGC 703
| | | | | | | | | |
Db 1 TGGGCCAAGGC 12

RESULT 610
US-03-999-829A-556
; Sequence 556, Application US/09999829A

Publication No. US20030195344A1
 GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Baker Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan
 APPLICANT: Ferrara, Napoleon
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Kljavin, Ivar J.
 APPLICANT: Kuo, Sophia S.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acids Encoding the Same
 FILE REFERENCE: P2630P1C61
 CURRENT APPLICATION NUMBER: US/09/999,829A
 CURRENT FILING DATE: 2002-03-19
 NUMBER OF SEQ ID NOS: 624
 Prior Application removed - See File Wrapper or Palm
 SEQ ID NO 556
 LENGTH: 15
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic oligonucleotide probe
 S-09-999-829A-556
 Query Match 1.0%; Score 12; DB 1; Length 15;
 Best Local Similarity 100.0%; Pred. No. 4.3e+02;
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Y 692 TGGGCCCAAGGCG 703
 b 1 TGGGCCCAAGGCG 12
 RESULT 611
 S-10-013-922A-556
 Sequence 556, Application US/10013922A
 Publication No. US20030195345A1
 GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Baker Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan
 APPLICANT: Ferrara, Napoleon
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.
 APPLICANT: Kljavin, Ivar J.
 APPLICANT: Kuo, Sophia S.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acids Encoding the Same
 FILE REFERENCE: P2630P1C81
 CURRENT APPLICATION NUMBER: US/10/013,922A
 CURRENT FILING DATE: 2001-10-25
 PRIOR APPLICATION NUMBER: 09/918585
 PRIOR FILING DATE: 2001-07-30
 PRIOR APPLICATION NUMBER: 60/062250
 PRIOR FILING DATE: 1997-10-17
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; PRIOR APPLICATION NUMBER: 60/085697

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 692 TGGGCCAAGGCG 703
Db 1 TGGGCCAAGGCG 12

RESULT 612
US-10-017-086A-556
; Sequence 556, Application US/10017086A
; Publication No. US20030194744A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann

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; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
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; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 556
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-087A-556

Query Match          1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      692 TGGGCCAAGGSC 703
Db      1 TGGGCCAAGGSC 12
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RESULT 614
US-10-164-829A-556
; Sequence 556: Application US/10164829A
; Publication No. US20030194780A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deanoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Nagier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; ACIDS: Acids Encoding the Same
; FILE REFERENCE: P2630F1C28
; CURRENT APPLICATION NUMBER: US/10/164,829A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17

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; PRIOR APPLICATION NUMBER: 60/064249
 ; PRIOR FILING DATE: 1997-11-03
 ; PRIOR APPLICATION NUMBER: 60/065311
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 ; PRIOR APPLICATION NUMBER: 60/077450
 ; PRIOR FILING DATE: 1998-03-10
 ; PRIOR APPLICATION NUMBER: 60/077632
 ; PRIOR FILING DATE: 1998-03-11
 ; PRIOR APPLICATION NUMBER: 60/077641
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 ; PRIOR FILING DATE: 1998-03-11
 ; PRIOR APPLICATION NUMBER: 60/077791
 ; PRIOR FILING DATE: 1998-03-12
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 624
 ; SEQ ID NO 556
 ; LENGTH: 15
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Synthetic oligonucleotide probe
 JS-10-164-829A-556

Query Match 1.0%; Score 12; DB 1; Length 15;
 Best Local Similarity 100.0%; Pred. No. 4.3e+02;
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 692 TGGGCCAAGGCG 703
 |||||
 DB 1 TGGGCCAAGGCG 12

RESULT 615
 JS-10-164-829A-556
 ; Sequence 556, Application US/10164929A
 ; Publication No. US20030194781A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Baker Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan
 ; APPLICANT: Ferrara, Napoleon
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, J. Christopher
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Kijavir, Ivar J.
 ; APPLICANT: Kuo, Sophia S.
 ; APPLICANT: Napier, Mary A.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Shelton, David L.
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2630PIC36
 ; CURRENT APPLICATION NUMBER: US/10/164,929A
 ; CURRENT FILING DATE: 2001-10-19
 ; PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30
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 ; PRIOR FILING DATE: 1998-03-11
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 ; PRIOR FILING DATE: 1998-03-12
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 ; SEQ ID NO 556
 ; LENGTH: 15
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Synthetic oligonucleotide probe
 US-10-164-929A-556

Query Match 1.0%; Score 12; DB 1; Length 15;
 Best Local Similarity 100.0%; Pred. No. 4.3e+02;
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 692 TGGGCCAAGGCG 703
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RESULT 616
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 ; Sequence 556, Application US/09978299A
 ; Publication No. US20030199435A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Baker Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan
 ; APPLICANT: Ferrara, Napoleon
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
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 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Kijavir, Ivar J.
 ; APPLICANT: Kuo, Sophia S.
 ; APPLICANT: Napier, Mary A.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Shelton, David L.
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2630PIC3
 ; CURRENT APPLICATION NUMBER: US/09/978,299A
 ; CURRENT FILING DATE: 2001-10-19
 ; PRIOR APPLICATION NUMBER: 09/918585

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; PRIOR FILING DATE: 1998-04-15

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 692 TGGGCCAAGGCG 703
Db 1 TGGGCCAAGGCG 12

RESULT 617
US-09-978-544A-356
Sequence 556, Application US/09978544A
Publication No. US20030199436A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas P.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLES OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
Acids Encoding the Same
FILE REFERENCE: P2630P1C13
CURRENT APPLICATION NUMBER: US/09/978,544A
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249

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Query Match          1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02; Indels 0; Gaps
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QY      692 TGGGCCAAGGCG 703
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/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Deanoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
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/ APPLICANT: Grimaldi, J. Christopher
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/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
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/ APPLICANT: Tunas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
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143 PRIOR APPLICATION NUMBER: 60/085689
144 PRIOR FILING DATE: 1998-05-15
145 PRIOR APPLICATION NUMBER: 60/085579
146 PRIOR FILING DATE: 1998-05-15

PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 692 TGGGCCAAGGC 703
b 1 TGGGCCAAGGC 12

RESULT 619

S-09-978-802A-556

Sequence 556, Application US/09978802A

Publication No. US20030199674A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC20
CURRENT APPLICATION NUMBER: US/09/978,802A
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791

; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
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; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
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; PRIOR FILING DATE: 1998-04-15
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; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082568
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082569
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082704
; PRIOR FILING DATE: 1998-04-22

PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083499
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084639
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084598
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084643
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085582
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02; Indels 0;
Matches 12; Conservative 0; Mismatches 0; Gaps 0;
QY . 692 TGGGCCAAGGCG 703
Db 1 TGGGCCAAGGCG 12
|||||

RESULT 620
US-10-013-924A-556
; Sequence 556, Application US/10013924A
; Publication No. US20030199021A1
; GENERAL INFORMATION:
; APPLICANT: Abkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C76
; CURRENT APPLICATION NUMBER: US/10/013,924A
; CURRENT FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 556
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
JS-10-013-924A-556

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

yy 692 TGGGCCAAGGCG 703
|||
yb 1 TGGGCCAAGGCG 12

RESULT 621

JS-10-020-445A-556
Sequence 556, Application US/10020445A
Publication No. US20030198994A1

GENERAL INFORMATION:

- APPLICANT: Ashkenazi, Avi
 - APPLICANT: Baker Kevin P.
 - APPLICANT: Botstein, David
 - APPLICANT: Desnoyers, Luc
 - APPLICANT: Eaton, Dan
 - APPLICANT: Ferrara, Napoleon
 - APPLICANT: Filvaroff, Ellen
 - APPLICANT: Fong, Sherman
 - APPLICANT: Gao, Wei-Qiang
 - APPLICANT: Gerber, Hanspeter
 - APPLICANT: Gerritsen, Mary E.
 - APPLICANT: Goddard, Audrey
 - APPLICANT: Godowski, Paul J.
 - APPLICANT: Grimaldi, J. Christopher
 - APPLICANT: Gurney, Austin I.
 - APPLICANT: Hillan, Kenneth J.
 - APPLICANT: KJavin, Ivar J.
 - APPLICANT: Kuo, Sophia S.
 - APPLICANT: Napier, Mary A.
 - APPLICANT: Pan, James
 - APPLICANT: Paoni, Nicholas F.
 - APPLICANT: Roy, Margaret Ann
 - APPLICANT: Shelton, David L.
 - APPLICANT: Stewart, Timothy A.
 - APPLICANT: Tumas, Daniel
 - APPLICANT: Williams, P. Mickey
 - APPLICANT: Wood, William I.
- TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PLC74
CURRENT APPLICATION NUMBER: US/10/020,445A
CURRENT FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 03/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886

- PRIOR FILING DATE: 1998-03-20
- PRIOR APPLICATION NUMBER: 60/078936
- PRIOR FILING DATE: 1998-03-20
- PRIOR APPLICATION NUMBER: 60/078910
- PRIOR FILING DATE: 1998-03-20
- PRIOR APPLICATION NUMBER: 60/078939
- PRIOR FILING DATE: 1998-03-20
- PRIOR APPLICATION NUMBER: 60/079294
- PRIOR FILING DATE: 1998-03-25
- PRIOR APPLICATION NUMBER: 60/079656
- PRIOR FILING DATE: 1998-03-26
- PRIOR APPLICATION NUMBER: 60/079664
- PRIOR FILING DATE: 1998-03-27
- PRIOR APPLICATION NUMBER: 60/079689
- PRIOR FILING DATE: 1998-03-27
- PRIOR APPLICATION NUMBER: 60/079663
- PRIOR FILING DATE: 1998-03-27
- PRIOR APPLICATION NUMBER: 60/079728
- PRIOR FILING DATE: 1998-03-27
- PRIOR APPLICATION NUMBER: 60/079786
- PRIOR FILING DATE: 1998-03-27
- PRIOR APPLICATION NUMBER: 60/079920
- PRIOR FILING DATE: 1998-03-30
- PRIOR APPLICATION NUMBER: 60/079923
- PRIOR FILING DATE: 1998-03-30
- PRIOR APPLICATION NUMBER: 60/080105
- PRIOR FILING DATE: 1998-03-31
- PRIOR APPLICATION NUMBER: 60/080107
- PRIOR FILING DATE: 1998-03-31
- PRIOR APPLICATION NUMBER: 60/080165
- PRIOR FILING DATE: 1998-03-31
- PRIOR APPLICATION NUMBER: 60/080194
- PRIOR FILING DATE: 1998-03-31
- PRIOR APPLICATION NUMBER: 60/080327
- PRIOR FILING DATE: 1998-04-01
- PRIOR APPLICATION NUMBER: 60/080328
- PRIOR FILING DATE: 1998-04-01
- PRIOR APPLICATION NUMBER: 60/080333
- PRIOR FILING DATE: 1998-04-01
- PRIOR APPLICATION NUMBER: 60/080334
- PRIOR FILING DATE: 1998-04-01
- PRIOR APPLICATION NUMBER: 60/081070
- PRIOR FILING DATE: 1998-04-08
- PRIOR APPLICATION NUMBER: 60/081049
- PRIOR FILING DATE: 1998-04-08
- PRIOR APPLICATION NUMBER: 60/081071
- PRIOR FILING DATE: 1998-04-08
- PRIOR APPLICATION NUMBER: 60/081195
- PRIOR FILING DATE: 1998-04-08
- PRIOR APPLICATION NUMBER: 60/081203
- PRIOR FILING DATE: 1998-04-09
- PRIOR APPLICATION NUMBER: 60/081229
- PRIOR FILING DATE: 1998-04-09
- PRIOR APPLICATION NUMBER: 60/081955
- PRIOR FILING DATE: 1998-04-15
- PRIOR APPLICATION NUMBER: 60/081817
- PRIOR FILING DATE: 1998-04-15
- PRIOR APPLICATION NUMBER: 60/081819
- PRIOR FILING DATE: 1998-04-15
- PRIOR APPLICATION NUMBER: 60/081952
- PRIOR FILING DATE: 1998-04-15
- PRIOR APPLICATION NUMBER: 60/081838
- PRIOR FILING DATE: 1998-04-15
- PRIOR APPLICATION NUMBER: 60/082568
- PRIOR FILING DATE: 1998-04-21
- PRIOR APPLICATION NUMBER: 60/082569
- PRIOR FILING DATE: 1998-04-21
- PRIOR APPLICATION NUMBER: 60/082704
- PRIOR FILING DATE: 1998-04-22
- PRIOR APPLICATION NUMBER: 60/082804
- PRIOR FILING DATE: 1998-04-22
- PRIOR APPLICATION NUMBER: 60/082700
- PRIOR FILING DATE: 1998-04-22

PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083499
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
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PRIOR APPLICATION NUMBER: 60/084643
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PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085323
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PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085590
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0;

QY 692 TGGGCCAAGGC 703
|||||
Db 1 TGGGCCAAGGC 12

RESULT 622

US-10-017-084A-556
Sequence 556, Application US/10017084A
Publication No. US20030203402A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC66
CURRENT APPLICATION NUMBER: US/10/017,084A
CURRENT FILING DATE: 2002-04-30
Prior application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 556
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-084A-556

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0;

QY 692 TGGGCCAAGGC 703
|||||
Db 1 TGGGCCAAGGC 12

RESULT 623

US-10-017-085A-556
Sequence 556, Application US/10017085A
Publication No. US20030204055A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon

APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Kijavin, Ivar J.
 APPLICANT: Kuo, Sophia S.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE OF INVENTION: Acids Encoding the Same
 FILE REFERENCE: P2630PIC73
 CURRENT APPLICATION NUMBER: US/10/017,085A
 CURRENT FILING DATE: 2002-04-30
 Prior Application removed - File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 624
 SEQ ID NO 556
 LENGTH: 15
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic oligonucleotide probe
 S-10-017-085A-556

Query Match 1.0%; Score 12; DB 1; Length 15;
 Best Local Similarity 100.0%; Pred. No. 4.3e+02;
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 692 TGGGCCCAAGGC 703
 b 1 TGGGCCCAAGGC 12

RESULT 624
 S-10-013-916A-556
 Sequence 556, Application US/10013916A
 Publication No. US20030206915A1
 GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
 APPLICANT: Baker Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Baton, Dan
 APPLICANT: Ferrara, Napoleon
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Kijavin, Ivar J.
 APPLICANT: Kuo, Sophia S.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.

APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE OF INVENTION: Acids Encoding the Same
 FILE REFERENCE: P2630PIC79
 CURRENT APPLICATION NUMBER: US/10/013,916A
 CURRENT FILING DATE: 2002-04-30
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 624
 SEQ ID NO 556
 LENGTH: 15
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic oligonucleotide probe
 US-10-013-916A-556

Query Match 1.0%; Score 12; DB 1; Length 15;
 Best Local Similarity 100.0%; Pred. No. 4.3e+02;
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 692 TGGGCCCAAGGC 703
 Db 1 TGGGCCCAAGGC 12

RESULT 625
 US-10-143-026B-556
 Sequence 556, Application US/10143026B
 Publication No. US20030207803A1
 GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
 APPLICANT: Baker Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Baton, Dan
 APPLICANT: Ferrara, Napoleon
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Kijavin, Ivar J.
 APPLICANT: Kuo, Sophia S.
 APPLICANT: Napier, Mary A.
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE OF INVENTION: Acids Encoding the Same
 FILE REFERENCE: P2630PIC58
 CURRENT APPLICATION NUMBER: US/10/143,026B
 CURRENT FILING DATE: 2003-05-09
 Prior Application Number: 09/918585
 Prior Filing Date: 2001-07-30
 Prior Application Number: 60/062250
 Prior Filing Date: 1997-10-17
 Prior Application Number: 60/064249
 Prior Filing Date: 1997-11-03
 Prior Application Number: 60/065311
 Prior Filing Date: 1997-11-13

;; PRIOR APPLICATION NUMBER: 60/066364
;; PRIOR FILING DATE: 1997-11-21
;; PRIOR APPLICATION NUMBER: 60/077450
;; PRIOR FILING DATE: 1998-03-10
;; PRIOR APPLICATION NUMBER: 60/077632
;; PRIOR FILING DATE: 1998-03-11
;; PRIOR APPLICATION NUMBER: 60/077641
;; PRIOR FILING DATE: 1998-03-11
;; PRIOR APPLICATION NUMBER: 60/077649
;; PRIOR FILING DATE: 1998-03-11
;; PRIOR APPLICATION NUMBER: 60/077791
;; PRIOR FILING DATE: 1998-03-12
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 624
;; SEQ ID NO 556
;; LENGTH: 15
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic oligonucleotide probe
JS-10-143-026B-556

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2Y 692 TGGGCCAAGGC 703
|||
Db 1 TGGGCCAAGGC 12

RESULT 626
JS-10-160-401-10/c
;; Sequence 10, Application US/10160401
;; Publication No. US20030207281A1
;; GENERAL INFORMATION:
;; APPLICANT: Genaisance Pharmaceuticals, Inc.
;; APPLICANT: Bettivegna, Steven C.
;; APPLICANT: Bieglecki, Karyn M.
;; APPLICANT: Kosny, Beena
;; APPLICANT: Monroe, Glen
;; APPLICANT: Rounds, Eileen
;; TITLE OF INVENTION: HAPLOTYPES OF THE CXCR4 GENE
;; FILE REFERENCE: MWH-0121US
;; CURRENT APPLICATION NUMBER: US/10/160,401
;; CURRENT FILING DATE: 2002-05-03
;; PRIOR APPLICATION NUMBER: PCT/US01/12268
;; PRIOR FILING DATE: 2001-04-13
;; PRIOR APPLICATION NUMBER: US 60/197,025
;; PRIOR FILING DATE: 2000-04-13
;; NUMBER OF SEQ ID NOS: 31
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 10
;; LENGTH: 15
;; TYPE: DNA
;; ORGANISM: Homo sapiens
JS-10-160-401-10

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.3e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

2Y 1561 AATTTTCTACTG 1574
|:|||||
Db 15 AATTTTCTACTG 2

RESULT 627
JS-10-013-918A-556
;; Sequence 556, Application US/10013918A
;; Publication No. US20030211091A1
;; GENERAL INFORMATION:
;; APPLICANT: Ashkenazi, Avi

;; APPLICANT: Baker Kevin P.
;; APPLICANT: Botstein, David
;; APPLICANT: Desnovers, Luc
;; APPLICANT: Eaton, Dan
;; APPLICANT: Ferrara, Napoleon
;; APPLICANT: Filvaroff, Ellen
;; APPLICANT: Fong, Sherman
;; APPLICANT: Gao, Wei-Qiang
;; APPLICANT: Gerber, Hanspeter
;; APPLICANT: Gerritsen, Mary E.
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Godowski, Paul J.
;; APPLICANT: Grimaldi, J. Christopher
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Hillan, Kenneth J.
;; APPLICANT: Kijavlin, Ivar J.
;; APPLICANT: Kuo, Sophia S.
;; APPLICANT: Napier, Mary A.
;; APPLICANT: Pan, James;
;; APPLICANT: Paoni, Nicholas P.
;; APPLICANT: Roy, Margaret Ann
;; APPLICANT: Shelton, David L.
;; APPLICANT: Stewart, Timothy A.
;; APPLICANT: Tumas, Daniel
;; APPLICANT: Williams, P. Mickey
;; APPLICANT: Wood, William I.
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
;; FILE REFERENCE: P2630P1C77
;; CURRENT APPLICATION NUMBER: US/10/013,918A
;; CURRENT FILING DATE: 2002-03-25
;; PRIOR APPLICATION NUMBER: 09/918585
;; PRIOR FILING DATE: 2001-07-30
;; PRIOR APPLICATION NUMBER: 60/082250
;; PRIOR FILING DATE: 1997-10-17
;; PRIOR APPLICATION NUMBER: 60/064249
;; PRIOR FILING DATE: 1997-11-03
;; PRIOR APPLICATION NUMBER: 60/065311
;; PRIOR FILING DATE: 1997-11-13
;; PRIOR APPLICATION NUMBER: 60/066364
;; PRIOR FILING DATE: 1997-11-21
;; PRIOR APPLICATION NUMBER: 60/077450
;; PRIOR FILING DATE: 1998-03-10
;; PRIOR APPLICATION NUMBER: 60/077632
;; PRIOR FILING DATE: 1998-03-11
;; PRIOR APPLICATION NUMBER: 60/077641
;; PRIOR FILING DATE: 1998-03-11
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;; PRIOR FILING DATE: 1998-03-11
;; PRIOR APPLICATION NUMBER: 60/077791
;; PRIOR FILING DATE: 1998-03-12
;; PRIOR APPLICATION NUMBER: 60/078004
;; PRIOR FILING DATE: 1998-03-13
;; PRIOR APPLICATION NUMBER: 60/078886
;; PRIOR FILING DATE: 1998-03-20
;; PRIOR APPLICATION NUMBER: 60/078936
;; PRIOR FILING DATE: 1998-03-20
;; PRIOR APPLICATION NUMBER: 60/078910
;; PRIOR FILING DATE: 1998-03-20
;; PRIOR APPLICATION NUMBER: 60/078939
;; PRIOR FILING DATE: 1998-03-20
;; PRIOR APPLICATION NUMBER: 60/079294
;; PRIOR FILING DATE: 1998-03-25
;; PRIOR APPLICATION NUMBER: 60/079656
;; PRIOR FILING DATE: 1998-03-26
;; PRIOR APPLICATION NUMBER: 60/079664
;; PRIOR FILING DATE: 1998-03-27
;; PRIOR APPLICATION NUMBER: 60/079689
;; PRIOR FILING DATE: 1998-03-27
;; PRIOR APPLICATION NUMBER: 60/079663
;; PRIOR FILING DATE: 1998-03-27
;; PRIOR APPLICATION NUMBER: 60/079728
;; PRIOR FILING DATE: 1998-03-27

; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
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; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
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; PRIOR APPLICATION NUMBER: 60/080334
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; PRIOR FILING DATE: 1998-04-08
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; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081819
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; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081838
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082568
; PRIOR FILING DATE: 1998-04-21
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; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082704
; PRIOR FILING DATE: 1998-04-22
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; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082700
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082797
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082796
; PRIOR FILING DATE: 1998-04-23
; PRIOR APPLICATION NUMBER: 60/083336
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
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; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083495
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083496
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083499
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083554

; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083558
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; PRIOR FILING DATE: 1998-04-29
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; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
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; PRIOR APPLICATION NUMBER: 60/084414
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; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
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; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 692 TGGGCCAAGGCG 703

Db 1 TGGGCCAAGGCG 12

RESULT 628

US-10-013-923A-556
; Sequence 556, Application US/10013923A
; Publication No. US20030216305A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman

```

; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC87
; CURRENT APPLICATION NUMBER: US/10/013, 923A
; CURRENT FILING DATE: 2001-10-25
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 556
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-013-923A-556

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 692 TGGGCCAAGGCG 703
DB 1 TGGGCCAAGGCG 12

RESULT 629
US-10-013-923A-556
; Sequence 556, Application US/10013923A
; Publication No. US20030216560A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC88
; CURRENT APPLICATION NUMBER: US/10/013, 927A
; CURRENT FILING DATE: 2001-10-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 556
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-013-927A-556
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; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC83
; CURRENT APPLICATION NUMBER: US/10/013, 925A
; CURRENT FILING DATE: 2002-05-03
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 556
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-013-925A-556

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 692 TGGGCCAAGGCG 703
DB 1 TGGGCCAAGGCG 12

RESULT 630
US-10-013-927A-556
; Sequence 556, Application US/10013927A
; Publication No. US20030216561A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC88
; CURRENT APPLICATION NUMBER: US/10/013, 927A
; CURRENT FILING DATE: 2001-10-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 556
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-013-927A-556
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Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 692 TGGGCCAAGGC 703
b 1 TGGGCCAAGGC 12

RESULT 631

3-10-013-928A-556
Sequence 556, Application US/10013928A
Publication No. US20030215905A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
Acids Encoding the Same

FILE REFERENCE: P2630PIC86

CURRENT APPLICATION NUMBER: US/10/013,928A

CURRENT FILING DATE: 2001-10-25

PRIOR APPLICATION NUMBER: 09/918585

PRIOR FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/064249

PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/065311

PRIOR FILING DATE: 1997-11-13

PRIOR APPLICATION NUMBER: 60/066364

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: 60/077450

PRIOR FILING DATE: 1998-03-10

PRIOR APPLICATION NUMBER: 60/077632

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077649

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077791

PRIOR FILING DATE: 1998-03-12

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 624

SEQ ID NO 556

LENGTH: 15

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-928A-556

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 692 TGGGCCAAGGC 703
Db 1 TGGGCCAAGGC 12

RESULT 632

US-10-162-522A-556

Sequence 556, Application US/10162522A

Publication No. US20030215908A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
Acids Encoding the Same

FILE REFERENCE: P2630PIC56

CURRENT APPLICATION NUMBER: US/10/162,522A

CURRENT FILING DATE: 2002-10-10

PRIOR APPLICATION NUMBER: 09/918585

PRIOR FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/064249

PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/065311

PRIOR FILING DATE: 1997-11-13

PRIOR APPLICATION NUMBER: 60/066364

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: 60/077450

PRIOR FILING DATE: 1998-03-10

PRIOR APPLICATION NUMBER: 60/077632

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077641

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077649

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077791

PRIOR FILING DATE: 1998-03-12

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 624

SEQ ID NO 556

LENGTH: 15

;/ TYPE: DNA
;/ ORGANISM: Artificial Sequence
;/ FEATURE:
;/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-162-522A-556

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02; Indels 0; Gaps 0;
Matches 12; Conservative 0; Mismatches 0;

Qy 692 TGGGCCAAGGCG 703
|||||
Db 1 TGGGCCAAGGCG 12

RESULT 633

US-10-017-081A-556
;/ Sequence 556, Application US/10017081A
;/ Publication No. US20030049684A1
;/ GENERAL INFORMATION:

;/ APPLICANT: Ashkenazi, Avi
;/ APPLICANT: Baker Kevin P.
;/ APPLICANT: Botstein, David
;/ APPLICANT: Desnoyers, Luc
;/ APPLICANT: Eaton, Dan
;/ APPLICANT: Ferrara, Napoleon
;/ APPLICANT: Filvaroff, Ellen
;/ APPLICANT: Fong, Sherman
;/ APPLICANT: Gao, Wei-Qiang
;/ APPLICANT: Gerber, Hanspeter
;/ APPLICANT: Gerritsen, Mary E.
;/ APPLICANT: Goddard, Audrey
;/ APPLICANT: Godowski, Paul J.
;/ APPLICANT: Grimaldi, J. Christopher
;/ APPLICANT: Gurney, Austin L.
;/ APPLICANT: Hillan, Kenneth J.
;/ APPLICANT: Kijavin, Ivar J.
;/ APPLICANT: Kuo, Sophia S.
;/ APPLICANT: Napier, Mary A.
;/ APPLICANT: Pan, James;
;/ APPLICANT: Paoni, Nicholas F.
;/ APPLICANT: Roy, Margaret Ann
;/ APPLICANT: Shelton, David L.
;/ APPLICANT: Stewart, Timothy A.
;/ APPLICANT: Tumas, Daniel
;/ APPLICANT: Williams, P. Mickey
;/ APPLICANT: Wood, William I.
;/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
;/ FILE REFERENCE: P2630PIC69
;/ CURRENT APPLICATION NUMBER: US/10/017,081A
;/ PRIOR FILING DATE: 2002-04-30
;/ PRIOR APPLICATION NUMBER: 60/077649
;/ NUMBER OF SEQ ID NOS: 624
;/ SEQ ID NO 556
;/ LENGTH: 15
;/ TYPE: DNA
;/ ORGANISM: Artificial Sequence
;/ FEATURE:
;/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-081A-556

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02; Indels 0; Gaps 0;
Matches 12; Conservative 0; Mismatches 0;

Qy 692 TGGGCCAAGGCG 703
|||||
Db 1 TGGGCCAAGGCG 12

RESULT 634
US-10-167-749-556

;/ Sequence 556, Application US/10167749
;/ Publication No. US20030056137A1
;/ GENERAL INFORMATION:
;/ APPLICANT: Ashkenazi, Avi
;/ APPLICANT: Baker Kevin P.
;/ APPLICANT: Botstein, David
;/ APPLICANT: Desnoyers, Luc
;/ APPLICANT: Eaton, Dan
;/ APPLICANT: Ferrara, Napoleon
;/ APPLICANT: Filvaroff, Ellen
;/ APPLICANT: Fong, Sherman
;/ APPLICANT: Gao, Wei-Qiang
;/ APPLICANT: Gerber, Hanspeter
;/ APPLICANT: Gerritsen, Mary E.
;/ APPLICANT: Goddard, Audrey
;/ APPLICANT: Godowski, Paul J.
;/ APPLICANT: Grimaldi, J. Christopher
;/ APPLICANT: Gurney, Austin L.
;/ APPLICANT: Hillan, Kenneth J.
;/ APPLICANT: Kijavin, Ivar J.
;/ APPLICANT: Kuo, Sophia S.
;/ APPLICANT: Napier, Mary A.
;/ APPLICANT: Pan, James;
;/ APPLICANT: Paoni, Nicholas F.
;/ APPLICANT: Roy, Margaret Ann
;/ APPLICANT: Shelton, David L.
;/ APPLICANT: Stewart, Timothy A.
;/ APPLICANT: Tumas, Daniel
;/ APPLICANT: Williams, P. Mickey
;/ APPLICANT: Wood, William I.
;/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
;/ FILE REFERENCE: P2630PIC60
;/ CURRENT APPLICATION NUMBER: US/10/167,749
;/ PRIOR FILING DATE: 2001-10-19
;/ PRIOR APPLICATION NUMBER: 09/918585
;/ PRIOR FILING DATE: 2001-07-30
;/ PRIOR APPLICATION NUMBER: 60/062250
;/ PRIOR FILING DATE: 1997-10-17
;/ PRIOR APPLICATION NUMBER: 60/064249
;/ PRIOR FILING DATE: 1997-11-03
;/ PRIOR APPLICATION NUMBER: 60/065311
;/ PRIOR FILING DATE: 1997-11-13
;/ PRIOR APPLICATION NUMBER: 60/066364
;/ PRIOR FILING DATE: 1997-11-21
;/ PRIOR APPLICATION NUMBER: 60/077450
;/ PRIOR FILING DATE: 1998-03-10
;/ PRIOR APPLICATION NUMBER: 60/077632
;/ PRIOR FILING DATE: 1998-03-11
;/ PRIOR APPLICATION NUMBER: 60/077641
;/ PRIOR FILING DATE: 1998-03-11
;/ PRIOR APPLICATION NUMBER: 60/077649
;/ PRIOR FILING DATE: 1998-03-11
;/ PRIOR APPLICATION NUMBER: 60/077791
;/ PRIOR FILING DATE: 1998-03-12
;/ Remaining Prior Application data removed - See File Wrapper or PALM.
;/ NUMBER OF SEQ ID NOS: 624
;/ SEQ ID NO 556
;/ LENGTH: 15
;/ TYPE: DNA
;/ ORGANISM: Artificial Sequence
;/ FEATURE:
;/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-167-749-556

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02; Indels 0; Gaps 0;
Matches 12; Conservative 0; Mismatches 0;

Qy 692 TGGGCCAAGGCG 703
|||||
Db 1 TGGGCCAAGGCG 12

RESULT 635

IS-10-013-921A-556

Sequence 556, Application US/10013921A

Publication No. US20030068648A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Baton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
Acids Encoding the Same

FILE REFERENCE: P2630P1C84
CURRENT APPLICATION NUMBER: US/10/013,921A
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 09/918595
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
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PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Baton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
Acids Encoding the Same

FILE REFERENCE: P2630P1C84
CURRENT APPLICATION NUMBER: US/10/013,921A
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 09/918595
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
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PRIOR FILING DATE: 1998-03-10
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PRIOR FILING DATE: 1998-03-11
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PRIOR FILING DATE: 1998-03-12
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PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664

PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079728
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PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/079923
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/080105
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080107
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
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PRIOR APPLICATION NUMBER: 60/080333
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PRIOR APPLICATION NUMBER: 60/081070
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PRIOR APPLICATION NUMBER: 60/081071
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08
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PRIOR FILING DATE: 1998-04-15
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PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29

; PRIOR APPLICATION NUMBER: 60/083496
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083499
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083554
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083558
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083559
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083500
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
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; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
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; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 692 TGGGCCAAGGC 703
DB 1 TGGGCCAAGGC 12

RESULT 636

US-10-013-929A-556
; Sequence 556, Application US/10013929A
; Publication No. US2003007245A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavir, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P26301C89
; CURRENT APPLICATION NUMBER: US/10/013,929A
; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
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; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
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; PRIOR FILING DATE: 1998-03-25
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; PRIOR FILING DATE: 1998-03-27
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PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/079923
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/080105
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080107
PRIOR FILING DATE: 1998-03-31
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PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
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PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
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PRIOR FILING DATE: 1998-04-01
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PRIOR FILING DATE: 1998-04-22
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PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
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PRIOR APPLICATION NUMBER: 60/083545
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PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
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PRIOR APPLICATION NUMBER: 60/083559
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PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084598
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084643
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085582
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 692 TGGGCCCAAGGC 703
|||
Db 1 TGGGCCCAAGGC 12

RESULT 637
US-10-016-177A-556
; Sequence 556, Application US/10016177A
; Publication No. US20030073131A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: KJavin, Ivar J.
 APPLICANT: Kuo, Sophia S.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James
 APPLICANT: Paoli, Nicholas P.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acids Encoding the Same
 FILE REFERENCE: P2630P1C90
 CURRENT APPLICATION NUMBER: US/10/016,177A
 CURRENT FILING DATE: 2002-04-30
 Prior application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 624
 SEQ ID NO 556
 LENGTH: 15
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic oligonucleotide probe
 JS-10-016-177A-556

Query Match 1.0%; Score 12; DB 1; Length 15;
 Best Local Similarity 100.0%; Pred. No. 4.3e+02;
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 692 TGGGCCCAAGGCG 703
 |||||
 DB 1 TGGGCCCAAGGCG 12

RESULT 638
 JS-10-287-919-1192/c
 ; Sequence 1192, Application US/10287919
 ; Publication No. US20030085830A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
 ; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
 ; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
 ; CURRENT APPLICATION NUMBER: US/10/287,919
 ; CURRENT FILING DATE: 2002-11-05
 ; NUMBER OF SEQ ID NOS: 2706
 ; SOFTWARE: Proprietary
 ; SEQ ID NO 1192
 ; LENGTH: 15
 ; TYPE: DNA
 ; ORGANISM: Methanococcus jannaschii complete genome.
 ; FEATURE:
 ; LOCATION: (532109)...(532123)
 ; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 1459
 JS-10-287-919-1192

Query Match 1.0%; Score 12; DB 1; Length 15;
 Best Local Similarity 100.0%; Pred. No. 4.3e+02;
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1011 ATTATTTCAG 1022
 |||||
 DB 14 ATTATTTCAG 3

RESULT 639

US-10-287-919-1476/c
 ; Sequence 1476, Application US/10287919
 ; Publication No. US20030085830A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
 ; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
 ; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
 ; CURRENT APPLICATION NUMBER: US/10/287,919
 ; CURRENT FILING DATE: 2002-11-05
 ; NUMBER OF SEQ ID NOS: 2706
 ; SOFTWARE: Proprietary
 ; SEQ ID NO 1476
 ; LENGTH: 15
 ; TYPE: DNA
 ; ORGANISM: Methanococcus jannaschii complete genome.
 ; FEATURE:
 ; LOCATION: (750956)...(750970)
 ; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 185
 US-10-287-919-1476

Query Match 1.0%; Score 12; DB 1; Length 15;
 Best Local Similarity 100.0%; Pred. No. 4.3e+02;
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 985 CTTTAAGTTT 996
 |||||
 DB 12 CTTTAAGTTT 1

RESULT 640

US-10-287-919-1491/c
 ; Sequence 1491, Application US/10287919
 ; Publication No. US20030085830A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
 ; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
 ; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
 ; CURRENT APPLICATION NUMBER: US/10/287,919
 ; CURRENT FILING DATE: 2002-11-05
 ; NUMBER OF SEQ ID NOS: 2706
 ; SOFTWARE: Proprietary
 ; SEQ ID NO 1491
 ; LENGTH: 15
 ; TYPE: DNA
 ; ORGANISM: Methanococcus jannaschii complete genome.
 ; FEATURE:
 ; LOCATION: (781032)...(781046)
 ; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 187
 US-10-287-919-1491

Query Match 1.0%; Score 12; DB 1; Length 15;
 Best Local Similarity 100.0%; Pred. No. 4.3e+02;
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 985 CTTTAAGTTT 996
 |||||
 DB 12 CTTTAAGTTT 1

RESULT 641

US-10-287-919-2242/c
 ; Sequence 2242, Application US/10287919
 ; Publication No. US20030085830A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
 ; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
 ; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
 ; CURRENT APPLICATION NUMBER: US/10/287,919
 ; CURRENT FILING DATE: 2002-11-05
 ; NUMBER OF SEQ ID NOS: 2706
 ; SOFTWARE: Proprietary
 ; SEQ ID NO 2242

LENGTH: 15
TYPE: DNA
ORGANISM: Methanococcus jannaschii complete genome.
FEATURE:
LOCATION: (1380574)...(1380588)
OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectionObjectNumber = 2864
S-10-287-919-2242

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 1011 ATTATTTCAAG 1022
|||||||
2 14 ATTATTTCAAG 3

38ULT 642
S-10-166-709A-556
Sequence 556, Application US/10166709A
Publication No. US20030104536A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas P.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PIC59
CURRENT APPLICATION NUMBER: US/10/166,709A
CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791

PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/079923
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/080105
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080107
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080333
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080334
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081070
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081049
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081071
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081955
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081819
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081952
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081838
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22

;; PRIOR APPLICATION NUMBER: 60/082804
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082700
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082797
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082796
;; PRIOR FILING DATE: 1998-04-23
;; PRIOR APPLICATION NUMBER: 60/083336
;; PRIOR FILING DATE: 1998-04-27
;; PRIOR APPLICATION NUMBER: 60/083322
;; PRIOR FILING DATE: 1998-04-28
;; PRIOR APPLICATION NUMBER: 60/083392
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083495
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;; PRIOR APPLICATION NUMBER: 60/083496
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;; PRIOR APPLICATION NUMBER: 60/083499
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;; PRIOR APPLICATION NUMBER: 60/083545
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;; PRIOR APPLICATION NUMBER: 60/083554
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083558
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083559
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083500
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083742
;; PRIOR FILING DATE: 1998-04-30
;; PRIOR APPLICATION NUMBER: 60/084366
;; PRIOR FILING DATE: 1998-05-05
;; PRIOR APPLICATION NUMBER: 60/084414
;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084441
;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084637
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084639
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084640
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084598
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084600
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084627
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084643
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/085339
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085338
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085323
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085582
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085700
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085689
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085579
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085580
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 692 TGGGCCCAAGGCG 703
DB 1 TGGGCCCAAGGCG 12

RESULT 643
US-09-861-787-3/c
; Sequence 3, Application US/09861787
; Patent No. US20020045174A1
; GENERAL INFORMATION:
; APPLICANT: Virtanen, Jorma
; TITLE OF INVENTION: Gene Sequencer and Methods
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppenheimer Wolff & Donnelly LLP
; STREET: 2029 Century Park East, Suite 3800
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Microsoft Windows 98
; SOFTWARE: MS Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/861.787
; FILING DATE: 21-May-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/564,399
; FILING DATE: May 1, 2000
; APPLICATION NUMBER: PCT/US/98/03362
; FILING DATE: February 20, 1998
; APPLICATION NUMBER: 60/039,027
; FILING DATE: February 21, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Oldenkamp, David J.
; REGISTRATION NUMBER: 29,421
; REFERENCE/DOCKET NUMBER: 18950-62 (formerly 18950-23-1)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (310) 788-5000
; TELEFAX: (310) 788-5100
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded DNA
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-861-787-3

Query Match 1.0%; Score 12; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1560 AAATTTTITTTA 1571
DB 15 AAATTTTITTTA 4

RESULT 644
US-10-287-919-1964/c
; Sequence 1964, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.

TITLE OF INVENTION: Methanococcus jannaschii complete genome.
FILE REFERENCE: Jim Zeiger Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/287,919
CURRENT FILING DATE: 2002-11-05
NUMBER OF SEQ ID NOS: 2706
SOFTWARE: Proprietary
SEQ ID NO 1964
LENGTH: 16
TYPE: DNA
ORGANISM: Methanococcus jannaschii complete genome.
FEATURE:
LOCATION: (1177673)...(1177688)
OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 2508
S-10-287-919-1964

Query Match 1.0%; Score 12; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 913 TTTATTCTTAAG 924
b 13 TTTATTCTTAAG 2

RESULT 645
S-10-331-873-26
Sequence 26, Application US/10331873
Publication No. US20030129641A1
GENERAL INFORMATION:
APPLICANT: YANO, Hideo
APPLICANT: NISHIDA, Michio
APPLICANT: SUZUKI, Osamu
TITLE OF INVENTION: METHOD FOR DETERMINING BIOSPECIES CONTAINED IN
TITLE OF INVENTION: TEST SPECIMEN AND KIT USED FOR THE SAME
FILE REFERENCE: OP1414
CURRENT APPLICATION NUMBER: US/10/331,873
CURRENT FILING DATE: 2002-12-27
PRIOR APPLICATION NUMBER: JP 2001-396943
PRIOR FILING DATE: 2001-12-27
NUMBER OF SEQ ID NOS: 92
SOFTWARE: Patentin ver. 3.0
SEQ ID NO 26
LENGTH: 16
TYPE: DNA
ORGANISM: Ovis aries
FEATURE:
OTHER INFORMATION: capture

Query Match 1.0%; Score 12; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1598 AAGTAATATGCA 1609
b 5 AAGTAATATGCA 16

RESULT 646
S-10-238-700-1174/c
Sequence 1174, Application US/10238700
Publication No. US20030153521A1
GENERAL INFORMATION:
APPLICANT: McSwiggen Pharmaceuticals, Inc.
TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Levei
FILE REFERENCE: 400/057 (MEHB01-1158-A)
CURRENT APPLICATION NUMBER: US/10/238,700
CURRENT FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: PCT/US 02/16840
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/318,471
PRIOR FILING DATE: 2001-09-10

NUMBER OF SEQ ID NOS: 4666
SOFTWARE: Patentin version 3.0
SEQ ID NO 1174
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-238-700-1174

Query Match 1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1609 AAACATTTAAAA 1620
Db 14 AAACATTTAAAA 3

RESULT 647
US-09-866-108-7597
Sequence 7597, Application US/09866108
Patent No. US20020048900A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ABOICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,587
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aboica Sequence Listing Engine
SEQ ID NO 7597
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-7597

Query Match 1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;

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Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 939 GCACACCTCTTA 950
Db 6 GCACACCTCTTA 17

RESULT 648
US-09-866-108-7605
; Sequence 7605, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00671
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 7605
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7605

Query Match 1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 942 ACCACTTACCT 953
Db 1 ACCACTTACCT 12

RESULT 649
US-09-827-998-327/c
; Sequence 327, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00671
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 7605
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7605

Query Match 1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00671
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 327
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-327

Query Match 1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1236 AATTTCATTTTC 1247
Db 17 AATTTCATTTTC 6

RESULT 650
US-09-827-998-328/c
; Sequence 328, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00671
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 328
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-328

Query Match 1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1236 AATTTCATTTTC 1247
Db 16 AATTTCATTTTC 5

RESULT 651
US-09-827-998-329/c
; Sequence 329, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00671
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 329
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-329
```

PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 329
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
S-09-827-998-329

Query Match 1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 1236 AATTTCATTC 1247
b 15 AATTTCATTC 4
|||||

RESULT 652
S-09-827-998-330/c
Sequence 330, Application US/09827998
Patent No. US20020102252A1
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: MDHMP-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 330
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
S-09-827-998-330

Query Match 1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 1236 AATTTCATTC 1247
b 14 AATTTCATTC 3
|||||

RESULT 653
S-09-827-998-331/c
Sequence 331, Application US/09827998
Patent No. US20020102252A1
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: MDHMP-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 331
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens

US-09-827-998-331

Query Match 1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 1236 AATTTCATTC 1247
b 13 AATTTCATTC 2
|||||

RESULT 654
US-09-827-998-332/c
Sequence 332, Application US/09827998
Patent No. US20020102252A1
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: MDHMP-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 332
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-827-998-332

Query Match 1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 1236 AATTTCATTC 1247
b 12 AATTTCATTC 1
|||||

RESULT 655
US-09-818-875-651/c
Sequence 651, Application US/09818875
Publication No. US20030051270A1
GENERAL INFORMATION:
APPLICANT: Kntec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 651
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-818-875-651

Query Match 1.0%; Score 12; DB 1; Length 17;

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Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1293 TCTGAAATTTTA 1304
Db 12 TCTGAAATTTTA 1

RESULT 656
US-09-818-875-652
; Sequence 652, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR FILING DATE: 2000-03-27
; PRIOR FILING DATE: 2000-03-27
; PRIOR FILING DATE: 2000-03-27
; PRIOR FILING DATE: 2000-06-01
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 652
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-652

Query Match 1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1293 TCTGAAATTTTA 1304
Db 6 TCTGAAATTTTA 17

RESULT 657
US-09-818-875-1934
; Sequence 1934, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR FILING DATE: 2000-03-27
; PRIOR FILING DATE: 2000-03-27
; PRIOR FILING DATE: 2000-03-27
; PRIOR FILING DATE: 2000-06-01
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1934
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens

US-09-818-875-1934

Query Match 1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1293 TCTGAAATTTTA 1304
Db 6 TCTGAAATTTTA 17

RESULT 658
US-09-818-875-1935/c
; Sequence 1935, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR FILING DATE: 2000-03-27
; PRIOR FILING DATE: 2000-03-27
; PRIOR FILING DATE: 2000-03-27
; PRIOR FILING DATE: 2000-06-01
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1935
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-1935

Query Match 1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 892 CCACGTGTCCTT 903
Db 17 CCACGTGTCCTT 6

RESULT 659
US-09-780-533A-118/c
; Sequence 118, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haeblerli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBHB00,878-A (406/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 118
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-118
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Query Match 1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 839 TCTGTTAAATCT 850
b 16 TCTGTTAAATCT 5

RESULT 660

S-09-780-533A-119/c
Sequence 119, Application US/09780533A
Publication No. US20030060611A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Chowrira, Bharat
APPLICANT: Haerberli, Pete
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
FILE REFERENCE: MEH800,878-A (400/011)
CURRENT APPLICATION NUMBER: US/09/780,533A
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: US 60/181,797
NUMBER OF SEQ ID NOS: 6679
SOFTWARE: PatentIn version 3.0
SEQ ID NO 119
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
S-09-780-533A-119

Query Match 1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 839 TCTGTTAAATCT 850
b 15 TCTGTTAAATCT 4

RESULT 661

S-09-780-533A-120/c
Sequence 120, Application US/09780533A
Publication No. US20030060611A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Chowrira, Bharat
APPLICANT: Haerberli, Pete
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
FILE REFERENCE: MEH800,878-A (400/011)
CURRENT APPLICATION NUMBER: US/09/780,533A
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: US 60/181,797
NUMBER OF SEQ ID NOS: 6679
SOFTWARE: PatentIn version 3.0
SEQ ID NO 120
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
S-09-780-533A-120

Query Match 1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 839 TCTGTTAAATCT 850
b 14 TCTGTTAAATCT 3

RESULT 662

US-09-780-533A-237
Sequence 237, Application US/09780533A
Publication No. US20030060611A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Chowrira, Bharat
APPLICANT: Haerberli, Pete
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
FILE REFERENCE: MEH800,878-A (400/011)
CURRENT APPLICATION NUMBER: US/09/780,533A
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: US 60/181,797
NUMBER OF SEQ ID NOS: 6679
SOFTWARE: PatentIn version 3.0
SEQ ID NO 237
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-780-533A-237

Query Match 1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 91.7%; Pred. No. 4.8e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1091 AAAAATAGAGA 1102
Db 3 AAAAATAGAGA 14

RESULT 663

US-09-780-533A-431
Sequence 431, Application US/09780533A
Publication No. US20030060611A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Chowrira, Bharat
APPLICANT: Haerberli, Pete
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
FILE REFERENCE: MEH800,878-A (400/011)
CURRENT APPLICATION NUMBER: US/09/780,533A
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: US 60/181,797
NUMBER OF SEQ ID NOS: 6679
SOFTWARE: PatentIn version 3.0
SEQ ID NO 431
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-780-533A-431

Query Match 1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 41.7%; Pred. No. 4.8e+02;
Matches 5; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

QY 913 TTTATTCTAAG 924
Db 4 UUUUUGUAG 15

RESULT 664

US-09-780-533A-432
Sequence 432, Application US/09780533A
Publication No. US20030060611A1
GENERAL INFORMATION:


```
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowirra, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBHB00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 432
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-432

Query Match      1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 41.7%; Pred. No. 4.8e+02;
Matches 5; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

2y 913 TTTATTCTTAAG 924
   :::::|||||
3b 3 UUUUUUUCUAG 14

RESULT 665
US-09-780-533A-433
; Sequence 433, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowirra, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBHB00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 433
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-433

Query Match      1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 41.7%; Pred. No. 4.8e+02;
Matches 5; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

Qy 913 TTTATTCTTAAG 924
   :::::|||||
Db 2 UUUUUUUCUAG 13

RESULT 666
US-09-780-533A-1300
; Sequence 1300, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowirra, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBHB00,878-A (400/011)
```

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; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1300
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-1300

Query Match      1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 41.7%; Pred. No. 4.8e+02;
Matches 5; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

Qy 913 TTTATTCTTAAG 924
   :::::|||||
Db 1 UUUUUUUCUAG 12

RESULT 667
US-09-780-533A-2126/c
; Sequence 2126, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowirra, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBHB00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2126
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-2126

Query Match      1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 839 TCTGTAAATCT 850
   |||||
Db 13 TCTGTAAATCT 2

RESULT 668
US-09-780-533A-2172
; Sequence 2172, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowirra, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBHB00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2172
```

```
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
S-09-780-533A-2172

Query Match      1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 91.7%; Pred. No. 4.8e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Y 1091 AAAAATAGAGA 1102
      |||:|||||
b 5 AAAAUAAGAAGA 16

RESULT 669
S-09-780-533A-2513
Sequence 2513, Application US/09780533A
Publication No. US20030060611A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Chowrira, Bharat
APPLICANT: Haeblerli, Pete
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
FILE REFERENCE: MEH00-958-A (400/011)
CURRENT APPLICATION NUMBER: US/09/780,533A
CURRENT FILING DATE: 2001-02-09
PRIOR FILING DATE: 2000-02-11
NUMBER OF SEQ ID NOS: 6679
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2513
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
S-09-780-533A-2513

Query Match      1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 91.7%; Pred. No. 4.8e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Y 1091 AAAAATAGAGA 1102
      |||:|||||
b 2 AAAAUAAGAAGA 13

RESULT 670
S-09-848-754A-196
Sequence 196, Application US/09848754A
Publication No. US20030073207A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors
FILE REFERENCE: MEH00-958-I (400/018)
CURRENT APPLICATION NUMBER: US/09/848,754A
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 9645
SOFTWARE: PatentIn version 3.0
SEQ ID NO 196
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
S-09-848-754A-196

Query Match      1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 4.8e+02;
Matches 8; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Y 723 TAATTCAGGAA 734
      :|:|||||
b 5 UAAUUCAGGAA 16

RESULT 671
S-09-848-754A-197
Sequence 197, Application US/09848754A
Publication No. US20030073207A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors
FILE REFERENCE: MEH00-958-I (400/018)
CURRENT APPLICATION NUMBER: US/09/848,754A
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 9645
SOFTWARE: PatentIn version 3.0
SEQ ID NO 197
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-848-754A-197

Query Match      1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 4.8e+02;
Matches 8; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 723 TAATTCAGGAA 734
      :|:|||||
DB 4 UAAUUCAGGAA 15

RESULT 672
US-09-848-754A-513
Sequence 513, Application US/09848754A
Publication No. US20030073207A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors
FILE REFERENCE: MEH00-958-I (400/018)
CURRENT APPLICATION NUMBER: US/09/848,754A
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 9645
SOFTWARE: PatentIn version 3.0
SEQ ID NO 513
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-848-754A-513

Query Match      1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 41.7%; Pred. No. 4.8e+02;
Matches 5; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

QY 550 AGTTTTCATG 561
      ||:|||||:|
DB 6 AGUUUUCAUUG 17

RESULT 673
US-09-848-754A-713
Sequence 713, Application US/09848754A
Publication No. US20030073207A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors
FILE REFERENCE: MEH00-958-I (400/018)
CURRENT APPLICATION NUMBER: US/09/848,754A
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 9645
SOFTWARE: PatentIn version 3.0
SEQ ID NO 713
LENGTH: 17
```

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; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-713

Query Match      1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 4.8e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1599 AGTAAATATGAA 1610
DB 6 AGUAAUAUGAA 17
|||||:|||||
|||||:|||||

RESULT 674
US-09-740-332-2123/c
; Sequence 2123, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 2123
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-2123

Query Match      1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 494 TTGCCAGATGCA 505
DB 17 TTGCCAGATGCA 6
|||||:|||||
|||||:|||||

RESULT 675
US-09-740-332-2124/c
; Sequence 2124, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 2124
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-2124

Query Match      1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 494 TTGCCAGATGCA 505
DB 17 TTGCCAGATGCA 6
|||||:|||||
|||||:|||||

RESULT 676
US-09-740-332-2432
; Sequence 2432, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 2432
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-2432

Query Match      1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 4.8e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 494 TTGCCAGATGCA 505
DB 2 UUGCCAGUCCA 13
|||||:|||||
|||||:|||||

RESULT 677
US-09-792-818-288
; Sequence 288, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
; FILE REFERENCE: MEHB00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 288
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-288

Query Match      1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 4.8e+02;
Matches 8; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 457 TTCAACACTTCA 468
DB 6 UUCACACUCCA 17
|||||:|||||
|||||:|||||

RESULT 678
US-09-792-818-688
; Sequence 688, Application US/09792818
; Publication No. US20030134806A1
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; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 106
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-106

Query Match
Best Local Similarity 100.0%; DB 1; Length 17;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 596 AGTATTATTAT 607
DB 13 AGTATTATTAT 2

RESULT 681
US-10-238-700-1175/c
; Sequence 1175, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (WBHE01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1175
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-1175

Query Match
Best Local Similarity 100.0%; DB 1; Length 17;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1609 AAACATTAAAA 1620
DB 12 AAACATTAAAA 1

RESULT 682
US-10-238-700-1293
; Sequence 1293, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (WBHE01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1293
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens

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US-10-238-700-1293

Query Match 1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 58.3%; Pred. No. 4.8e+02;
Matches 7; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 1113 ATTGAATAGTTA 1124
DB 1 AATGAAGAGUUA 12

RESULT 683

US-10-238-700-1314
; Sequence 1314, Application US/10238700
; Publication No. US2003015521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-03-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1314
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-1314

Query Match 1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 25.0%; Pred. No. 4.8e+02;
Matches 3; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

QY 598 TATTATTATT 609
DB 5 UAUAUAUAUU 16

RESULT 684

US-09-817-879-2123/c
; Sequence 2123, Application US/09817879
; Publication No. US2003017131A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MBHB00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2123
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-2123

Query Match 1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 494 TTGCCAGATGCA 505
DB 17 TTGCCAGATGCA 6

RESULT 685

US-09-817-879-2124/c
; Sequence 2124, Application US/09817879
; Publication No. US2003017131A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MBHB00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2124
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-2124

Query Match 1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 494 TTGCCAGATGCA 505
DB 12 TTGCCAGATGCA 1

RESULT 686

US-09-817-879-2432
; Sequence 2432, Application US/09817879
; Publication No. US2003017131A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MBHB00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2432
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-2432

Query Match 1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 4.8e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 494 TTGCCAGATGCA 505
DB 2 UUGCCAGAUCA 13

RESULT 687

US-10-091-281-130/c
; Sequence 130, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN

APPLICANT: MORISSETTE, JEAN
 TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
 FILE REFERENCE: 13587.338
 CURRENT APPLICATION NUMBER: US/10/091,281
 CURRENT FILING DATE: 2002-03-06
 NUMBER OF SEQ ID NOS: 463
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 130
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 OTHER INFORMATION: Putative MEF2/RSRFC4.02 motif
 S-10-091-281-130

Query Match 1.0%; Score 12; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 4.8e+02;
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Y 1521 TTTATATTTT 1532
 b 16 TTTATATTTT 5

RESULT 688
 S-10-209-787-651/c
 Sequence 651, Application US/10209787
 Publication No. US20030217377A1
 GENERAL INFORMATION:

APPLICANT: Kmiec, Eric B.
 APPLICANT: Gamper, Howard B.
 APPLICANT: Rice, Michael C.
 TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
 TITLE OF INVENTION: Stranded Oligonucleotides
 FILE REFERENCE: Napro-4
 CURRENT APPLICATION NUMBER: US/10/209,787
 CURRENT FILING DATE: 2002-07-30
 PRIOR APPLICATION NUMBER: US 09/818,875
 PRIOR FILING DATE: 2001-03-27
 PRIOR APPLICATION NUMBER: US 60/192,176
 PRIOR FILING DATE: 2000-03-27
 PRIOR APPLICATION NUMBER: US 60/192,179
 PRIOR FILING DATE: 2000-03-27
 PRIOR APPLICATION NUMBER: US 60/208,538
 PRIOR FILING DATE: 2000-06-01
 PRIOR APPLICATION NUMBER: US 60/244,989
 PRIOR FILING DATE: 2000-10-30
 NUMBER OF SEQ ID NOS: 4385
 SOFTWARE: Friedman macro Napro4
 SEQ ID NO 651
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 S-10-209-787-651

Query Match 1.0%; Score 12; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 4.8e+02;
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Y 1293 TCTGAAATTTT 1304
 b 12 TCTGAAATTTT 1

RESULT 689
 S-10-209-787-652
 Sequence 652, Application US/10209787
 Publication No. US20030217377A1
 GENERAL INFORMATION:

APPLICANT: Kmiec, Eric B.
 APPLICANT: Gamper, Howard B.
 APPLICANT: Rice, Michael C.
 TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single

TITLE OF INVENTION: Stranded Oligonucleotides
 FILE REFERENCE: Napro-4
 CURRENT APPLICATION NUMBER: US/10/209,787
 CURRENT FILING DATE: 2002-07-30
 PRIOR APPLICATION NUMBER: US 09/818,875
 PRIOR FILING DATE: 2001-03-27
 PRIOR APPLICATION NUMBER: US 60/192,176
 PRIOR FILING DATE: 2000-03-27
 PRIOR APPLICATION NUMBER: US 60/192,179
 PRIOR FILING DATE: 2000-03-27
 PRIOR APPLICATION NUMBER: US 60/208,538
 PRIOR FILING DATE: 2000-06-01
 PRIOR APPLICATION NUMBER: US 60/244,989
 PRIOR FILING DATE: 2000-10-30
 NUMBER OF SEQ ID NOS: 4385
 SOFTWARE: Friedman macro Napro4
 SEQ ID NO 652
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 S-10-209-787-652

Query Match 1.0%; Score 12; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 4.8e+02;
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Cy 1293 TCTGAAATTTT 1304
 Db 6 TCTGAAATTTT 17

RESULT 690
 US-10-209-787-1934
 Sequence 1934, Application US/10209787
 Publication No. US20030217377A1
 GENERAL INFORMATION:
 APPLICANT: Kmiec, Eric B.
 APPLICANT: Gamper, Howard B.
 APPLICANT: Rice, Michael C.
 TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
 TITLE OF INVENTION: Stranded Oligonucleotides
 FILE REFERENCE: Napro-4
 CURRENT APPLICATION NUMBER: US/10/209,787
 CURRENT FILING DATE: 2002-07-30
 PRIOR APPLICATION NUMBER: US 09/818,875
 PRIOR FILING DATE: 2001-03-27
 PRIOR APPLICATION NUMBER: US 60/192,176
 PRIOR FILING DATE: 2000-03-27
 PRIOR APPLICATION NUMBER: US 60/192,179
 PRIOR FILING DATE: 2000-03-27
 PRIOR APPLICATION NUMBER: US 60/208,538
 PRIOR FILING DATE: 2000-06-01
 PRIOR APPLICATION NUMBER: US 60/244,989
 PRIOR FILING DATE: 2000-10-30
 NUMBER OF SEQ ID NOS: 4385
 SOFTWARE: Friedman macro Napro4
 SEQ ID NO 1934
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-10-209-787-1934

Query Match 1.0%; Score 12; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 4.8e+02;
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Cy 892 CCACTGTGCTT 903
 Db 1 CCACTGTGCTT 12

RESULT 691
 US-10-209-787-1935/c

PRIOR APPLICATION NUMBER: US 09/864,761
 PRIOR FILING DATE: 2001-05-23
 PRIOR APPLICATION NUMBER: US 60/327,898
 PRIOR FILING DATE: 2001-10-09
 NUMBER OF SEQ ID NOS: 4804
 SOFTWARE: Aeonica Sequence Listing Engine
 SEQ ID NO 1743
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 S-10-060-756A-1743

Query Match 1.0%; Score 12; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 4.8e+02;
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1442 TGCTGGTTGAAA 1453
 b 6 TGCTGGTTGAAA 17

RESULT 695
 S-10-060-756A-1744
 Sequence 1744, Application US/10060756A
 Publication No. US20030046717A1
 GENERAL INFORMATION:
 APPLICANT: Zhang, Jian
 TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
 FILE REFERENCE: PB0177
 CURRENT APPLICATION NUMBER: US/10/060,756A
 CURRENT FILING DATE: 2002-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: US 09/864,761
 PRIOR FILING DATE: 2001-05-23
 PRIOR APPLICATION NUMBER: US 60/327,898
 PRIOR FILING DATE: 2001-10-09
 NUMBER OF SEQ ID NOS: 4804
 SOFTWARE: Aeonica Sequence Listing Engine
 SEQ ID NO 1744
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 S-10-060-756A-1744

Query Match 1.0%; Score 12; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 4.8e+02;
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1442 TGCTGGTTGAAA 1453
 b 5 TGCTGGTTGAAA 16

RESULT 696
 S-10-060-756A-1745
 Sequence 1745, Application US/10060756A
 Publication No. US20030046717A1
 GENERAL INFORMATION:
 APPLICANT: Zhang, Jian
 TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
 FILE REFERENCE: PB0177
 CURRENT APPLICATION NUMBER: US/10/060,756A

CURRENT FILING DATE: 2002-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: US 09/864,761
 PRIOR FILING DATE: 2001-05-23
 PRIOR APPLICATION NUMBER: US 60/327,898
 PRIOR FILING DATE: 2001-10-09
 NUMBER OF SEQ ID NOS: 4804
 SOFTWARE: Aeonica Sequence Listing Engine
 SEQ ID NO 1745
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-10-060-756A-1745

Query Match 1.0%; Score 12; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 4.8e+02;
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1442 TGCTGGTTGAAA 1453
 Db 4 TGCTGGTTGAAA 15

RESULT 697
 US-10-060-756A-1746
 Sequence 1746, Application US/10060756A
 Publication No. US20030046717A1
 GENERAL INFORMATION:
 APPLICANT: Zhang, Jian
 TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
 FILE REFERENCE: PB0177
 CURRENT APPLICATION NUMBER: US/10/060,756A
 CURRENT FILING DATE: 2002-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: US 09/864,761
 PRIOR FILING DATE: 2001-05-23
 PRIOR APPLICATION NUMBER: US 60/327,898
 PRIOR FILING DATE: 2001-10-09
 NUMBER OF SEQ ID NOS: 4804
 SOFTWARE: Aeonica Sequence Listing Engine
 SEQ ID NO 1746
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-10-060-756A-1746

Query Match 1.0%; Score 12; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 4.8e+02;
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1442 TGCTGGTTGAAA 1453

1	CURRENT APPLICATION NUMBER:	US/10/060,756A
2	CURRENT FILING DATE:	2002-01-30
3	PRIOR APPLICATION NUMBER:	PCT/US01/00667
4	PRIOR FILING DATE:	2001-01-30
5	PRIOR APPLICATION NUMBER:	PCT/US01/00664
6	PRIOR FILING DATE:	2001-01-30
7	PRIOR APPLICATION NUMBER:	PCT/US01/00669
8	PRIOR FILING DATE:	2001-01-30
9	PRIOR APPLICATION NUMBER:	PCT/US01/00665
10	PRIOR FILING DATE:	2001-01-30
11	PRIOR APPLICATION NUMBER:	PCT/US01/00668
12	PRIOR FILING DATE:	2001-01-30
13	PRIOR APPLICATION NUMBER:	PCT/US01/00663
14	PRIOR FILING DATE:	2001-01-30
15	PRIOR APPLICATION NUMBER:	US 09/864,761
16	PRIOR FILING DATE:	2001-05-23
17	PRIOR APPLICATION NUMBER:	US 60/327,898
18	PRIOR FILING DATE:	2001-10-09

```

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
S-09-843-377-81

Query Match      1.0%; Score 12; DB 1; Length 20;
Best Local Similarity 75.0%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

y      820 TGGAAATCCTGGATTATTTT 839
b      1 TAGAAATGCTGGAAATTTCT 20

RESULT 702
S-09-504-231A-787
Sequence 787, Application US/09504231A
Patent No. US20020013458A1
GENERAL INFORMATION:
APPLICANT: Blatt, Lawrence
APPLICANT: McSwiggen, James
APPLICANT: Roberts, Beth
APPLICANT: Pavco, Pamela
APPLICANT: Macejak, Dennis
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
FILE REFERENCE: tpi 247/282
CURRENT FILING DATE: 2000-02-15
PRIOR APPLICATION NUMBER: US/09/504,231A
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 09/257,608
PRIOR FILING DATE: 1999-02-24
PRIOR APPLICATION NUMBER: 60/100,842
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/083,217
PRIOR FILING DATE: 1998-04-27
NUMBER OF SEQ ID NOS: 3242
SOFTWARE: Patent in version 3.0
SEQ ID NO 787
LENGTH: 15
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
S-09-504-231A-787

Query Match      0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 4.6e+02;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

y      942 ACCATCTTACCTCAC 956
b      1 ACCAUCUACCCGCG 15

RESULT 703
S-09-274-553D-787
Sequence 787, Application US/09274553D
Patent No. US20020082225A1
GENERAL INFORMATION:
APPLICANT: Blatt, Lawrence
APPLICANT: McSwiggen, James
APPLICANT: Roberts, Beth
APPLICANT: Pavco, Pamela
APPLICANT: Macejak, Dennis
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
FILE REFERENCE: tpi 247/282
CURRENT FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: US/09/274,553D
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 09/257,608

Query Match      0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 4.6e+02;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

y      942 ACCATCTTACCTCAC 956
b      1 ACCAUCUACCCGCG 15

RESULT 704
US-09-774-021-5/c
Sequence 5, Application US/09774021
Patent No. US20020102556A1
GENERAL INFORMATION:
APPLICANT: Laken, Steven J.
APPLICANT: Kinzler, Kenneth W.
APPLICANT: Vogelstein, Bert
TITLE OF INVENTION: Genotyping by Mass Spectrometric Analysis of Short DNA
FILE REFERENCE: 01107.73601
CURRENT FILING DATE: 2001-01-31
CURRENT APPLICATION NUMBER: US/09/774,021
PRIOR FILING DATE: 2001-01-31
PRIOR APPLICATION NUMBER: 09/198,340
PRIOR FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 20
SOFTWARE: Patent in Ver. 2.0
SEQ ID NO 5
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
US-09-774-021-5

Query Match      0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

y      907 TTCTCCTTTATTTCT 921
b      15 TTTCTTTTATTTCT 1

RESULT 705
US-10-330-772-50
Sequence 50, Application US/10330772
Publication No. US2003017572A1
GENERAL INFORMATION:
APPLICANT: ALLELE BIOTECHNOLOGY & PHARMACEUTICALS, INC.
APPLICANT: WANG, Jiwu
TITLE OF INVENTION: COMPOSITIONS FOR DNA MEDIATED GENE SILENCING
FILE REFERENCE: ALLELE1100-3
CURRENT APPLICATION NUMBER: US/10/330,772
CURRENT FILING DATE: 2002-12-26
PRIOR APPLICATION NUMBER: US 10/217,564
PRIOR FILING DATE: 2002-08-12
PRIOR APPLICATION NUMBER: US 10/202,479
PRIOR FILING DATE: 2002-07-23
PRIOR APPLICATION NUMBER: US 60/343,697
PRIOR FILING DATE: 2001-12-27
```

NUMBER OF SEQ ID NOS: 51
SOFTWARE: Patent in version 3.1
SEQ ID NO 50
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Modified human RNA polymerase III terminator
JS-10-330-772-50

Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

2Y 1566 TTTTACGTTTCTG 1580
||||| |||||
Db 1 TTTTACGTTTCTG 15

RESULT 706
US-10-440-850-222/c
Sequence 222, Application US/10440850
Publication No. US20030207837A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Stinchcomb, Dan
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Reversal
TITLE OF INVENTION: Immune Responses
FILE REFERENCE: 250/130 (MEH00-900-A)
CURRENT APPLICATION NUMBER: US/10/440,850
CURRENT FILING DATE: 2003-05-19
PRIOR APPLICATION NUMBER: US/09/650,012
PRIOR FILING DATE: 2000-08-28
PRIOR APPLICATION NUMBER: US 08/585,684
PRIOR FILING DATE: 1996-01-12
PRIOR APPLICATION NUMBER: US 60/000,951
PRIOR FILING DATE: 1995-07-07
PRIOR APPLICATION NUMBER: US 09/038,073
PRIOR FILING DATE: 1998-03-11
NUMBER OF SEQ ID NOS: 2285
SOFTWARE: Patent in version 3.0
SEQ ID NO 222
TYPE: RNA
ORGANISM: Homo sapiens
US-10-440-850-222

Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1476 ATTCTTAATAATTA 1490
||||| |||||
Db 15 ATCCTTCTAATAATTA 1

RESULT 707
US-10-440-850-585
Sequence 585, Application US/10440850
Publication No. US20030207837A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Stinchcomb, Dan
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Reversal
TITLE OF INVENTION: Immune Responses
FILE REFERENCE: 250/130 (MEH00-900-A)
CURRENT APPLICATION NUMBER: US/10/440,850
CURRENT FILING DATE: 2003-05-19
PRIOR APPLICATION NUMBER: US/09/650,012

PRIOR FILING DATE: 2000-08-28
PRIOR APPLICATION NUMBER: US 08/585,684
PRIOR FILING DATE: 1996-01-12
PRIOR APPLICATION NUMBER: US 60/000,951
PRIOR FILING DATE: 1995-07-07
PRIOR APPLICATION NUMBER: US 09/038,073
PRIOR FILING DATE: 1998-03-11
NUMBER OF SEQ ID NOS: 2285
SOFTWARE: Patent in version 3.0
SEQ ID NO 585
LENGTH: 15
TYPE: RNA
ORGANISM: Homo sapiens
US-10-440-850-585

Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 46.7%; Pred. No. 4.6e+02;
Matches 7; Conservative 2; Mismatches 6; Indels 0; Gaps 0;

QY 1577 TCTGATTGTATGAA 1591
||:|:|:|:|:|
Db 1 UCUAAUCUAUGGAA 15

RESULT 708
US-10-440-850-586
Sequence 586, Application US/10440850
Publication No. US20030207837A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Stinchcomb, Dan
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Reversal
TITLE OF INVENTION: Immune Responses
FILE REFERENCE: 250/130 (MEH00-900-A)
CURRENT APPLICATION NUMBER: US/10/440,850
CURRENT FILING DATE: 2003-05-19
PRIOR APPLICATION NUMBER: US/09/650,012
PRIOR FILING DATE: 2000-08-28
PRIOR APPLICATION NUMBER: US 08/585,684
PRIOR FILING DATE: 1996-01-12
PRIOR APPLICATION NUMBER: US 60/000,951
PRIOR FILING DATE: 1995-07-07
PRIOR APPLICATION NUMBER: US 09/038,073
PRIOR FILING DATE: 1998-03-11
NUMBER OF SEQ ID NOS: 2285
SOFTWARE: Patent in version 3.0
SEQ ID NO 586
LENGTH: 15
TYPE: RNA
ORGANISM: Homo sapiens
US-10-440-850-586

Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 46.7%; Pred. No. 4.6e+02;
Matches 7; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 1579 TCAATTGTATGAAAT 1593
:|:|:|:|:|
Db 1 UAAUUCUAUGGAAU 15

RESULT 709
US-10-287-919-209
Sequence 209, Application US/10287919
Publication No. US20030085930A1
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Methanococcus jannaschii complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/287,919
CURRENT FILING DATE: 2002-11-05

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NUMBER OF SEQ ID NOS: 2706
SOFTWARE: Proprietary
SEQ ID NO 209
LENGTH: 15
TYPE: DNA
ORGANISM: Methanococcus jannaschii complete genome.
FEATURE:
LOCATION: (53480)...(53494)
OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 246
-10-287-919-209

Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1519 GCTTTATCTTTTCA 1533
|||||
1 GCTTTATCTTTTCA 15

RESULT 710
-10-287-919-568
Sequence 568, Application US/10287919
Publication No. US20030085830A1
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Methanococcus jannaschii complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/287,919
CURRENT FILING DATE: 2002-11-05
NUMBER OF SEQ ID NOS: 2706
SOFTWARE: Proprietary
SEQ ID NO 568
LENGTH: 15
TYPE: DNA
ORGANISM: Methanococcus jannaschii complete genome.
FEATURE:
LOCATION: (160280)...(160294)
OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 671
-10-287-919-568

Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1519 GCTTTATCTTTTCA 1533
|||||
1 GCTTTATCTTTTCA 15

RESULT 711
-10-287-919-725/c
Sequence 725, Application US/10287919
Publication No. US20030085830A1
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Methanococcus jannaschii complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/287,919
CURRENT FILING DATE: 2002-11-05
NUMBER OF SEQ ID NOS: 2706
SOFTWARE: Proprietary
SEQ ID NO 725
LENGTH: 15
TYPE: DNA
ORGANISM: Methanococcus jannaschii complete genome.
FEATURE:
LOCATION: (238246)...(238260)
OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 872
-10-287-919-725

Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.6e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

678 ACAATAGCAAAATT 692
|||||
15 AAAATAGCAAAAGTT 1

RESULT 712
US-10-287-919-1125/c
Sequence 1125, Application US/10287919
Publication No. US20030085830A1
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Methanococcus jannaschii complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/287,919
CURRENT FILING DATE: 2002-11-05
NUMBER OF SEQ ID NOS: 2706
SOFTWARE: Proprietary
SEQ ID NO 1125
LENGTH: 15
TYPE: DNA
ORGANISM: Methanococcus jannaschii complete genome.
FEATURE:
LOCATION: (503844)...(503858)
OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 1375
US-10-287-919-1125

Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

678 ACAATAGCAAAATT 692
|||||
15 AAAATAGCAAAAGTT 1

RESULT 713
US-10-287-919-1300
Sequence 1300, Application US/10287919
Publication No. US20030085830A1
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Methanococcus jannaschii complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/287,919
CURRENT FILING DATE: 2002-11-05
NUMBER OF SEQ ID NOS: 2706
SOFTWARE: Proprietary
SEQ ID NO 1300
LENGTH: 15
TYPE: DNA
ORGANISM: Methanococcus jannaschii complete genome.
FEATURE:
LOCATION: (616983)...(616997)
OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 1609
US-10-287-919-1300

Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1199 TTATGATTAAACAAA 1213
|||||
1 TTATGATTATCAAA 15

RESULT 714
US-10-287-919-1612
Sequence 1612, Application US/10287919
Publication No. US20030085830A1
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
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;; TITLE OF INVENTION: Methanococcus jannaschii complete genome.

;; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333

;; CURRENT APPLICATION NUMBER: US/10/287,919

;; CURRENT FILING DATE: 2002-11-05

;; NUMBER OF SEQ ID NOS: 2706

;; SOFTWARE: Proprietary

;; SEQ ID NO 1612

;; LENGTH: 15

;; TYPE: DNA

;; ORGANISM: Methanococcus jannaschii complete genome.

;; FEATURE:

;; LOCATION: (923144)...(923157)

;; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 2049

US-10-287-919-1612

Query Match 0.9%; Score 11.8; DB 1; Length 15;

Best Local Similarity 86.7%; Pred. NO. 4.6e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 983 CACTTTAAGTTTTT 997

1 CTCTTTTAGTTTTT 15

RESULT 715

US-10-287-919-1665/c

;; Sequence 1665, Application US/10287919

;; Publication No. US20030085830A1

;; GENERAL INFORMATION:

;; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.

;; TITLE OF INVENTION: Methanococcus jannaschii complete genome.

;; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333

;; CURRENT APPLICATION NUMBER: US/10/287,919

;; CURRENT FILING DATE: 2002-11-05

;; NUMBER OF SEQ ID NOS: 2706

;; SOFTWARE: Proprietary

;; SEQ ID NO 1665

;; LENGTH: 15

;; TYPE: DNA

;; ORGANISM: Methanococcus jannaschii complete genome.

;; FEATURE:

;; LOCATION: (986920)...(986934)

;; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 2123

US-10-287-919-1665

Query Match 0.9%; Score 11.8; DB 1; Length 15;

Best Local Similarity 86.7%; Pred. NO. 4.6e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 1523 TATATTTTAACTTT 1537

15 TATAAGTTAACTTT 1

RESULT 716

US-10-287-919-1906

;; Sequence 1906, Application US/10287919

;; Publication No. US20030085830A1

;; GENERAL INFORMATION:

;; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.

;; TITLE OF INVENTION: Methanococcus jannaschii complete genome.

;; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333

;; CURRENT APPLICATION NUMBER: US/10/287,919

;; CURRENT FILING DATE: 2002-11-05

;; NUMBER OF SEQ ID NOS: 2706

;; SOFTWARE: Proprietary

;; SEQ ID NO 1906

;; LENGTH: 15

;; TYPE: DNA

;; ORGANISM: Methanococcus jannaschii complete genome.

;; FEATURE:

;; LOCATION: (1127538)...(1127552)

;; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 2427

US-10-287-919-1906

Query Match 0.9%; Score 11.8; DB 1; Length 15;

Best Local Similarity 86.7%; Pred. NO. 4.6e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 983 CACTTTAAGTTTTT 997

1 CTCTTTTAGTTTTT 15

RESULT 717

US-10-287-919-1974/c

;; Sequence 1974, Application US/10287919

;; Publication No. US20030085830A1

;; GENERAL INFORMATION:

;; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.

;; TITLE OF INVENTION: Methanococcus jannaschii complete genome.

;; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333

;; CURRENT APPLICATION NUMBER: US/10/287,919

;; CURRENT FILING DATE: 2002-11-05

;; NUMBER OF SEQ ID NOS: 2706

;; SOFTWARE: Proprietary

;; SEQ ID NO 1974

;; LENGTH: 15

;; TYPE: DNA

;; ORGANISM: Methanococcus jannaschii complete genome.

;; FEATURE:

;; LOCATION: (1188666)...(1188679)

;; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 251

US-10-287-919-1974

Query Match 0.9%; Score 11.8; DB 1; Length 15;

Best Local Similarity 86.7%; Pred. NO. 4.6e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 820 TGGAAATCCTGGATT 834

15 TGGAAATCCTGGATT 1

RESULT 718

US-10-287-919-1981

;; Sequence 1981, Application US/10287919

;; Publication No. US20030085830A1

;; GENERAL INFORMATION:

;; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.

;; TITLE OF INVENTION: Methanococcus jannaschii complete genome.

;; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333

;; CURRENT APPLICATION NUMBER: US/10/287,919

;; CURRENT FILING DATE: 2002-11-05

;; NUMBER OF SEQ ID NOS: 2706

;; SOFTWARE: Proprietary

;; SEQ ID NO 1981

;; LENGTH: 15

;; TYPE: DNA

;; ORGANISM: Methanococcus jannaschii complete genome.

;; FEATURE:

;; LOCATION: (1195757)...(1195771)

;; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 253

US-10-287-919-1981

Query Match 0.9%; Score 11.8; DB 1; Length 15;

Best Local Similarity 86.7%; Pred. NO. 4.6e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 679 CAATACCAAAATTG 693

1 CAATACCAAAATTG 15

RESULT 719

US-10-287-919-2001/c

```
Sequence 2001, Application US/10287919
Publication No. US20030085830A1
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Methanococcus jannaschii complete genome.
FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/287,919
CURRENT FILING DATE: 2002-11-05
NUMBER OF SEQ ID NOS: 2706
SOFTWARE: Proprietary
SEQ ID NO 2001
LENGTH: 15
TYPE: DNA
ORGANISM: Methanococcus jannaschii complete genome.
FEATURE:
LOCATION: (1218107)...(1218122)
OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 2561
S-10-287-919-2001
Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Y 820 TCGAAATCTCGATT 834
b 15 TCGAATTACTGGATT 1
RESULT 720
S-10-287-919-2162
Sequence 2162, Application US/10287919
Publication No. US20030085830A1
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Methanococcus jannaschii complete genome.
FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/287,919
CURRENT FILING DATE: 2002-11-05
NUMBER OF SEQ ID NOS: 2706
SOFTWARE: Proprietary
SEQ ID NO 2162
LENGTH: 15
TYPE: DNA
ORGANISM: Methanococcus jannaschii complete genome.
FEATURE:
LOCATION: (1302249)...(1302263)
OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 2757
S-10-287-919-2162
Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Y 1104 GAATCATTCATTGAA 1118
b 1 GAACCATTTATTGAA 15
RESULT 721
S-10-287-919-2195
Sequence 2195, Application US/10287919
Publication No. US20030085830A1
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Methanococcus jannaschii complete genome.
FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/287,919
CURRENT FILING DATE: 2002-11-05
NUMBER OF SEQ ID NOS: 2706
SOFTWARE: Proprietary
SEQ ID NO 2195
LENGTH: 15
TYPE: DNA
ORGANISM: Methanococcus jannaschii complete genome.
FEATURE:
LOCATION: (1407382)...(1407396)
OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 2912
S-10-287-919-2278
Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Y 1523 TATATTTTAACTTT 1537
b 15 TATAGTTTAACTTT 1
```

```
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (1352843)...(1352856)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 2806
US-10-287-919-2195
Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1199 TTTAGATTAAACAAA 1213
Db 1 TTTAGATTATCAAA 15
RESULT 722
US-10-287-919-2198
Sequence 2198, Application US/10287919
Publication No. US20030085830A1
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Methanococcus jannaschii complete genome.
FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/287,919
CURRENT FILING DATE: 2002-11-05
NUMBER OF SEQ ID NOS: 2706
SOFTWARE: Proprietary
SEQ ID NO 2198
LENGTH: 15
TYPE: DNA
ORGANISM: Methanococcus jannaschii complete genome.
FEATURE:
LOCATION: (1358513)...(1358527)
OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 2809
US-10-287-919-2198
Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1104 GAATCATTCATTGAA 1118
Db 1 GAACCATTTATTGAA 15
RESULT 723
US-10-287-919-2278/C
Sequence 2278, Application US/10287919
Publication No. US20030085830A1
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Methanococcus jannaschii complete genome.
FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/287,919
CURRENT FILING DATE: 2002-11-05
NUMBER OF SEQ ID NOS: 2706
SOFTWARE: Proprietary
SEQ ID NO 2278
LENGTH: 15
TYPE: DNA
ORGANISM: Methanococcus jannaschii complete genome.
FEATURE:
LOCATION: (1407382)...(1407396)
OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 2912
S-10-287-919-2278
Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1523 TATATTTTAACTTT 1537
Db 15 TATAGTTTAACTTT 1
```

```

; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcmasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 544:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-263-959-544

Query Match 0.9%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1045 TATTTATGCTATTTAT 1059
Db 1 TATATATGCTATATAT 15

RESULT 727
US-10-005-996A-2/c
; Sequence 2, Application US/10005996A
; Publication No. US20030165853A1
; GENERAL INFORMATION:
; APPLICANT: PARBRIDGE, WILLIAM
; APPLICANT: BOADO, RUBEN
; TITLE OF INVENTION: ANTISENSE IMAGING OF GENE EXPRESSION OF THE BRAIN IN VIVO
; FILE REFERENCE: 407T-994110US
; CURRENT APPLICATION NUMBER: US/10/005,996A
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: US 60/250,990
; PRIOR FILING DATE: 2000-12-04
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 2
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: HD-PNA
; NAME/KEY: MOD RES
; LOCATION: (1)..(1)
; OTHER INFORMATION: nucleotide modified with 5 linkers and a biotin
; NAME/KEY: MOD RES
; LOCATION: (16)..(16)
; OTHER INFORMATION: nucleotide modified with 5 linkers and -Y-K
; US-10-005-996A-2

Query Match 0.9%; Score 11.8; DB 1; Length 16;

; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcmasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 544:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-263-959-544

Query Match 0.9%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1057 TATTTAGCTCAAA 1071
Db 1 TATTAAGCATTA 15

RESULT 725
JS-09-823-847-37/c
; Sequence 37, Application US/09823847
; Patent No. US20020137905A1
; GENERAL INFORMATION:
; APPLICANT: THE SCRIPPS RESEARCH INSTITUTE
; APPLICANT: SIMS, Peter
; APPLICANT: SILVERMAN, Robert
; APPLICANT: WIEDMER, Therese
; TITLE OF INVENTION: PHOSPHOLIPID SCRAMBLASES AND METHODS OF USE THEREOF
; FILE REFERENCE: SCRIPI220-1
; CURRENT APPLICATION NUMBER: US/09/823,847
; CURRENT FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: US 60/193,939
; PRIOR FILING DATE: 2000-03-31
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 37
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Human Scramblase Splice acceptor site 6
; US-09-823-847-37

Query Match 0.9%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 606 ATTTCATCTACAAA 620
Db 16 ATTTCATCTACAAA 2

RESULT 726
US-09-263-959-544
; Sequence 544, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
```

Best Local Similarity 86.7%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 1087 TTGCAAAATAGAG 1101
||| ||||| |||
b 15 TTGTAATGGAAG 1

RESULT 728
S-10-005-996A-3
Sequence 3, Application US/10005996A
Publication No. US20030165853A1
GENERAL INFORMATION:
APPLICANT: PARBRIDGE, WILLIAM
TITLE OF INVENTION: ANTISENSE IMAGING OF GENE EXPRESSION OF THE BRAIN IN VIVO
FILE REFERENCE: 407T-994110US
CURRENT APPLICATION NUMBER: US/10/005,996A
CURRENT FILING DATE: 2001-12-03
PRIOR APPLICATION NUMBER: US 60/250,990
PRIOR FILING DATE: 2000-12-04
NUMBER OF SEQ ID NOS: 5
SOFTWARE: Patent in version 3.0
SEQ ID NO 3
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: complement of HD target mRNA

S-10-005-996A-3

Query Match 0.9%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 1087 TTGCAAAATAGAG 1101
||| ||||| |||
b 2 TTGTAATGGAAG 16

RESULT 729
S-10-005-996A-5/c
Sequence 5, Application US/10005996A
Publication No. US20030165853A1
GENERAL INFORMATION:
APPLICANT: PARBRIDGE, WILLIAM
TITLE OF INVENTION: ANTISENSE IMAGING OF GENE EXPRESSION OF THE BRAIN IN VIVO
FILE REFERENCE: 407T-994110US
CURRENT APPLICATION NUMBER: US/10/005,996A
CURRENT FILING DATE: 2001-12-03
PRIOR APPLICATION NUMBER: US 60/250,990
PRIOR FILING DATE: 2000-12-04
NUMBER OF SEQ ID NOS: 5
SOFTWARE: Patent in version 3.0
SEQ ID NO 5
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: anti-luciferase PNA

S-10-005-996A-5

Query Match 0.9%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 1087 TTGCAAAATAGAG 1101
||| ||||| |||
b 15 TTGTAATGGAAG 1

RESULT 730

US-10-287-919-600
Sequence 600, Application US/10287919
Publication No. US20030085830A1
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Methanococcus jannaschii complete genome.
FILE REFERENCE: Jim Zegger Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/287,919
CURRENT FILING DATE: 2002-11-05
NUMBER OF SEQ ID NOS: 2706
SOFTWARE: Proprietary
SEQ ID NO 600
LENGTH: 16
TYPE: DNA
ORGANISM: Methanococcus jannaschii complete genome.
FEATURE:
LOCATION: (179913)...(179928)
OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 711;
US-10-287-919-600

Query Match 0.9%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 617 CAAAAACAAACAAAT 631
||||| ||||| |||
Db 1 CAAAAACAAACAAAT 15

RESULT 731
US-10-287-919-796
Sequence 796, Application US/10287919
Publication No. US20030085830A1
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Methanococcus jannaschii complete genome.
FILE REFERENCE: Jim Zegger Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/287,919
CURRENT FILING DATE: 2002-11-05
NUMBER OF SEQ ID NOS: 2706
SOFTWARE: Proprietary
SEQ ID NO 796
LENGTH: 16
TYPE: DNA
ORGANISM: Methanococcus jannaschii complete genome.
FEATURE:
LOCATION: (315314)...(315328)
OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 981;
US-10-287-919-796

Query Match 0.9%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 617 CAAAAACAAACAAAT 631
||||| ||||| |||
Db 1 CAAAAACAAACAAAT 15

RESULT 732
US-10-287-919-1207
Sequence 1207, Application US/10287919
Publication No. US20030085830A1
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Methanococcus jannaschii complete genome.
FILE REFERENCE: Jim Zegger Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/287,919
CURRENT FILING DATE: 2002-11-05
NUMBER OF SEQ ID NOS: 2706
SOFTWARE: Proprietary
SEQ ID NO 1207
LENGTH: 16


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; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (543700)...(543714)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 1482
JS-10-287-919-1207
    Query Match      0.9%; Score 11.8; DB 1; Length 16;
    Best Local Similarity 86.7%; Pred. No. 4.9e+02;
    Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Dy 1606 ATGAACATTAAAA 1620
    ||||| |||||
Db 1 ATGAACATTAGAA 15

RESULT 733
JS-10-287-919-1444
; Sequence 1444, Application US/10287919
; Publication No. US20030085930A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 1444
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (727071)...(727086)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 1804
US-10-287-919-1444
    Query Match      0.9%; Score 11.8; DB 1; Length 16;
    Best Local Similarity 86.7%; Pred. No. 4.9e+02;
    Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1575 TTCTGATTGTATGG 1589
    ||||| |||||
Db 2 TTCTGATTGTATGG 16

RESULT 734
US-10-287-919-1529
; Sequence 1529, Application US/10287919
; Publication No. US20030085930A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 1529
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (820797)...(820812)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 1928
US-10-287-919-1529
    Query Match      0.9%; Score 11.8; DB 1; Length 16;
    Best Local Similarity 86.7%; Pred. No. 4.9e+02;
    Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1575 TTCTGATTGTATGG 1589
    ||||| |||||

```

```

Db 2 TTCTGATTGTATGG 16

RESULT 735
US-10-108-164-66
; Sequence 66, Application US/10108164
; Publication No. US20030104356A1
; GENERAL INFORMATION:
; APPLICANT: Berger, Shelley L.
; APPLICANT: Fraser, Nigel W.
; APPLICANT: Tal-Singer, Ruth
; APPLICANT: Leary, Jeffrey J.
; TITLE OF INVENTION: Compounds And Methods For Treating And
; FILE REFERENCE: Screening Viral Reactivation
; CURRENT APPLICATION NUMBER: US/10/108,164
; CURRENT FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: 09/424,348
; PRIOR FILING DATE: 1999-07-01
; PRIOR APPLICATION NUMBER: PCT/US98/13733
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/051,633
; PRIOR FILING DATE: 1997-07-03
; PRIOR APPLICATION NUMBER: 60/054,515
; PRIOR FILING DATE: 1997-08-01
; PRIOR APPLICATION NUMBER: 60/080,352
; NUMBER OF SEQ ID NOS: 145
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 66
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Herpes simplex virus
US-10-108-164-66
    Query Match      0.9%; Score 11.8; DB 1; Length 16;
    Best Local Similarity 86.7%; Pred. No. 4.9e+02;
    Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 396 TTCATCTCTGTGGT 410
    ||||| |||||
Db 1 TTCATCTCTGTGGT 15

RESULT 736
US-10-331-873-10
; Sequence 10, Application US/10331873
; Publication No. US20030129641A1
; GENERAL INFORMATION:
; APPLICANT: YANO, Hideo
; APPLICANT: NISHIDA, Michio
; APPLICANT: SUZUKI, Osamu
; TITLE OF INVENTION: METHOD FOR DETERMINING BIOSPECIES CONTAINED IN
; FILE REFERENCE: OPI414
; CURRENT APPLICATION NUMBER: US/10/331,873
; CURRENT FILING DATE: 2002-12-27
; PRIOR APPLICATION NUMBER: JP 2001-396943
; PRIOR FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn Ver. 3.0
; SEQ ID NO 10
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Bos taurus
; FEATURE:
; OTHER INFORMATION: capture
US-10-331-873-10
    Query Match      0.9%; Score 11.8; DB 1; Length 16;
    Best Local Similarity 86.7%; Pred. No. 4.9e+02;
    Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

y 993 TTTTTCATCATAACA 1007
b 1 TTTTTCATCATAACA 15

search completed: December 18, 2003, 07:26:55
ob time : 14 secs

GenCore version 5.1.6
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M nucleic - nucleic search, using sw model

run on: December 18, 2003, 07:29:08 ; Search time 1 Seconds
(without alignments)
1.844 Million cell updates/sec

file: us-09-960-143-3

affect score: 1249
sequence: 1 aaaaattcattctgtggt.....atataattgtgtcaagt 1249

scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 0.5

sarched: 40 seqs, 738 residues

otal number of hits satisfying chosen parameters: 80

limum DB seq length: 8
aximum DB seq length: 50

st-processing: Minimum Match 0%
Maximum Match 100%
Listing first 56 summaries

atabase : rst.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

result No.	Score	Query Match	Length	ID	Description
1	18.2	1.5	25	T80419	ACCESSION: T80419
2	17.8	1.4	22	T80419	ACCESSION: AL488108
3	17.4	1.4	24	AZ263807Q	ACCESSION: AZ263807Q
4	17.2	1.4	22	AZ263807Q	ACCESSION: AZ263807Q
5	16.2	1.3	22	AZ263807Q	ACCESSION: AZ263807Q
6	15.6	1.2	22	AZ263807Q	ACCESSION: AZ263807Q
7	15.2	1.2	20	TAL30602P	ACCESSION: TAL30602P
8	14.8	1.2	20	AZ263807Q	ACCESSION: AZ263807Q
9	14.2	1.1	19	AZ263807Q	ACCESSION: AZ263807Q
10	14.2	1.1	19	AZ263807Q	ACCESSION: AZ263807Q
11	14.2	1.1	19	AZ263807Q	ACCESSION: AZ263807Q
12	14.2	1.1	19	AZ263807Q	ACCESSION: AZ263807Q
13	14.2	1.1	20	AZ263807Q	ACCESSION: AZ263807Q
14	14.2	1.1	20	AZ263807Q	ACCESSION: AZ263807Q
15	14.2	1.1	20	AZ263807Q	ACCESSION: AZ263807Q
16	14.2	1.1	20	AZ263807Q	ACCESSION: AZ263807Q
17	14.2	1.1	19	AZ263807Q	ACCESSION: AZ263807Q
18	14.2	1.1	19	AZ263807Q	ACCESSION: AZ263807Q
19	13.8	1.1	19	AZ263807Q	ACCESSION: AZ263807Q
20	13.8	1.1	19	AZ263807Q	ACCESSION: AZ263807Q
21	13.8	1.1	19	AZ263807Q	ACCESSION: AZ263807Q
22	13.6	1.1	23	AZ263807Q	ACCESSION: AZ263807Q
23	13.4	1.1	17	AZ263807Q	ACCESSION: AZ263807Q
24	13.4	1.1	19	AZ263807Q	ACCESSION: AZ263807Q
25	13.2	1.1	19	AZ263807Q	ACCESSION: AZ263807Q
26	13.2	1.1	19	AZ263807Q	ACCESSION: AZ263807Q
27	13.2	1.1	22	AZ263807Q	ACCESSION: AZ263807Q
28	12.8	1.0	17	AZ263807Q	ACCESSION: AZ263807Q
29	12.8	1.0	17	AZ263807Q	ACCESSION: AZ263807Q
30	12.8	1.0	19	AZ263807Q	ACCESSION: AZ263807Q
31	12.8	1.0	20	AZ263807Q	ACCESSION: AZ263807Q
32	12.8	1.0	20	AZ263807Q	ACCESSION: AZ263807Q
33	12.8	1.0	20	AZ263807Q	ACCESSION: AZ263807Q

34	12.4	1.0	14	1	BQ586463	ACCESSION: BQ586463
35	12.4	1.0	17	1	AW246446	ACCESSION: AW246446
36	12.4	1.0	25	1	T80419	ACCESSION: T80419
37	11.8	0.9	16	1	AT798250	ACCESSION: AT798250
38	11.8	0.9	19	1	AZ817185	ACCESSION: AZ817185
39	11.8	0.9	24	1	AZ263807Q	ACCESSION: AZ263807Q
40	11.6	0.9	20	1	AZ263807Q	ACCESSION: AZ263807Q
41	11.4	0.9	13	1	AT1016863	ACCESSION: AT1016863
42	11.4	0.9	16	1	AT250981	ACCESSION: AT250981
43	11.4	0.9	22	1	TAL30602P	ACCESSION: TAL30602P
44	11.2	0.9	16	1	BQ588093	ACCESSION: BQ588093
45	11.2	0.9	16	1	BQ590166	ACCESSION: BQ590166
46	11.2	0.9	16	1	BQ590207	ACCESSION: BQ590207
47	11.2	0.9	16	1	BQ590507	ACCESSION: BQ590507
48	11.2	0.9	16	1	BQ592600	ACCESSION: BQ592600
49	11.2	0.9	16	1	BQ592965	ACCESSION: BQ592965
50	11.2	0.9	16	1	BQ595369	ACCESSION: BQ595369
51	11.2	0.9	16	1	BQ595717	ACCESSION: BQ595717
52	11.2	0.9	17	1	AW247949	ACCESSION: AW247949
53	11.2	0.9	17	1	AW248574	ACCESSION: AW248574
54	11.2	0.9	20	1	AZ489065	ACCESSION: AZ489065
55	11.2	0.9	19	1	AZ663032	ACCESSION: AZ663032
56	10.8	0.9	15	1	AW250976	ACCESSION: AW250976

ALIGNMENTS

RESULT 1	T80419	25 bp	mRNA	linear	EST 15-MAR-1995
LOCUS	Ydl7d11.s1	Soares fetal liver spleen	INFLS	Homo sapiens	cDNA clone
DEFINITION	IMAGE:108501.3	similar to gb:M24902	PROSTATIC ACID PHOSPHATASE		
ACCESSION	T80419	PRECURSOR (HUMAN);	mRNA sequence.		
VERSION	T80419.1	GI:698928			
KEYWORDS	EST.				
SOURCE	Homo sapiens (human)				
ORGANISM	Homo sapiens				
REFERENCE	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;				
AUTHORS	Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.				
TITLE	1 (bases 1 to 25)				
JOURNAL	Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M., Holman				
COMMENT	M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M., Parsons, J.,				
	Rifkin, L., Rohlfing, T., Soares, M., Tan, F., Trevaskis, E., Waterston				
	R., Williamson, A., Wohlmann, P. and Wilson, R.				
	The WashU-Werck EST Project				
	Unpublished				
	Other ESTs: ydl7d11.r1				
	Contact: Wilson RK				
	Washington University School of Medicine				
	4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108				
	Tel: 314 286 1800				
	Fax: 314 286 1810				
	Email: est@watson.wustl.edu				
	Insert Size: 893				
	High quality sequence starts: 1				
	Source: IMAGE Consortium, LINL This clone is available royalty-free				
	through LINL; contact the IMAGE Consortium (info@image.lnl.gov)				
	for further information. Trace considered overall poor quality				
	Insert length: 893				
	Seq primer: -21m13				
	High quality sequence stop: 1.				
FEATURES	Location/Qualifiers				
source	1..25				
	/organism="Homo sapiens"				
	/mol_type="mRNA"				
	/db_xref="GDB:464118"				
	/db_xref="taxon:9606"				
	/clone="IMAGE:108501"				
	/sex="male"				
	/dev_stage="20 week-post conception fetus"				
	/lab_host="DH10B (ampicillin resistant)"				

AZ462635 22 bp DNA linear GSS 04-OCT-2000
 LOCUS 1M0269K1R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
 DEFINITION Clone UUGC1M0269K1 R, genomic survey sequence.
 ACCESSION AZ462635
 VERSION 1 GI:10620676
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 22)
 DUNN, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
 Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly,
 M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
 and Wright, D., Weiser, R.
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts
 JOURNAL Unpublished
 COMMENT Contact: Robert B. Weiss
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0269 row: K column: 11
 Seq primer: CACACGAGAACAGCTATGACC
 Class: plasmid ends
 High quality sequence stop: 22.
 Location/Qualifiers
 1. 22
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUGC1M0269K1"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, TI-resistant, P-"
 /clone_lib="Mouse 10kb plasmid UUGC1M library"
 /notes="Vector: PWD42nv; Purified genomic DNA from M.
 musculus C57BL/6J (male) was obtained from the Jackson
 Laboratory Mouse DNA Resource
 (http://www.jax.org/resources/documents/dnares/). The DNA
 was hydrodynamically sheared by repeated passage through a
 0.005 inch orifice at constant velocity. The sheared DNA
 was blunt end-repaired with T4 DNA polymerase and T4
 polynucleotide kinase. Adaptor oligonucleotides were
 ligated to the blunt ends in high molar excess. The
 adaptor DNA was purified and size-selected for a 9.5 to
 10.5 kb range using preparative agarose gel
 electrophoresis. Vector DNA was prepared from a derivative
 of pWD42 (GI|4732114|gb|AF129072.1), a copy-number
 inducible derivative of plasmid R1. The vector was ligated
 with adaptors complementary to the insert adaptors and
 purified. The sheared, adaptor mouse DNA was annealed to
 adaptor vector DNA, and transformed into
 chemically-competent E. coli XL10-Gold (Stratagene) cells
 and selected for ampicillin resistance."

BASE COUNT 12 a 4 c 0 g 6 t
 Query Match 1.4%; Score 17.2; DB 1; Length 22;
 Best Local Similarity 86.4%; Pred. No. 2.8;
 Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 Y 1043 ATTATTATGATTATTATTAAAG 1064
 |||||
 b 22 ATTATTATGTTCTATGAG 1
 |||||

RESULT 5

AZ435597 23 bp DNA linear GSS 03-OCT-2000
 LOCUS 1M0222P09R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
 DEFINITION Clone UUGC1M0222P09 R, genomic survey sequence.
 ACCESSION AZ435597
 VERSION 1 GI:10559610
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 23)
 DUNN, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
 Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly,
 M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
 and Wright, D., Weiser, R.
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts
 JOURNAL Unpublished
 COMMENT Contact: Robert B. Weiss
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0222 row: P column: 09
 Seq primer: CACACGAGAACAGCTATGACC
 Class: plasmid ends
 High quality sequence stop: 23.
 Location/Qualifiers
 1. 23
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUGC1M0222P09"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, TI-resistant, P-"
 /clone_lib="Mouse 10kb plasmid UUGC1M library"
 /notes="Vector: PWD42nv; Purified genomic DNA from M.
 musculus C57BL/6J (male) was obtained from the Jackson
 Laboratory Mouse DNA Resource
 (http://www.jax.org/resources/documents/dnares/). The DNA
 was hydrodynamically sheared by repeated passage through a
 0.005 inch orifice at constant velocity. The sheared DNA
 was blunt end-repaired with T4 DNA polymerase and T4
 polynucleotide kinase. Adaptor oligonucleotides were
 ligated to the blunt ends in high molar excess. The
 adaptor DNA was purified and size-selected for a 9.5 to
 10.5 kb range using preparative agarose gel
 electrophoresis. Vector DNA was prepared from a derivative
 of pWD42 (GI|4732114|gb|AF129072.1), a copy-number
 inducible derivative of plasmid R1. The vector was ligated
 with adaptors complementary to the insert adaptors and
 purified. The sheared, adaptor mouse DNA was annealed to
 adaptor vector DNA, and transformed into
 chemically-competent E. coli XL10-Gold (Stratagene) cells
 and selected for ampicillin resistance."

BASE COUNT 17 a 0 c 0 g 6 t
 Query Match 1.3%; Score 16.2; DB 1; Length 23;
 Best Local Similarity 85.7%; Pred. No. 6.6;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 Y 618 AAAAAACACACAAATATTTT 638
 |||||
 b 2 AAAAAAATATTTT 22
 |||||

RESULT 6

TA130G02P
LOCUS
DEFINITION
T. brucei sheared genomic DNA clone 130g02, forward sequence,
genomic survey sequence.
ACCESSION
AL464119
VERSION
AL464119.1 GI:11834382
KEYWORDS
GSS.
SOURCE
Trypanosoma brucei
ORGANISM
Trypanosoma brucei
Eukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
Trypanosoma.
REFERENCE
1 (bases 1 to 22)
AUTHORS
Hall, N., Bowman, S., Lennard, N.J., Doggett, J., Atkin, R.,
Chillingworth, C., Omond, D., Harris, B., El-Sayed, N., Hou, L.,
Melville, S.E., Rajandream, M.A. and Barrell, B.G.
TITLE
Direct Submission
JOURNAL
Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing
project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton,
Cambridge CB10 1SA, E-mail: barrell@sanger.ac.uk and
nh@sanger.ac.uk
COMMENT
Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
Trypanosoma brucei (TRU927/4 GUTat 10.1) was mechanically sheared
to give a tight size distribution (4 Kb). The v + 1 method used for the library construction is
described in detail in Smith, H. and Venter, J.C. (Making small
insert libraries for whole genome shotgun sequencing projects. In
Genome Sequencing: A Practical Approach, eds. M. Vaudin and B.
Barrell, Oxford University Press, 1999).
Email: nelsayed@tigr.org
Details of T. brucei sequencing at the Sanger Centre are available
at http://www.sanger.ac.uk/Projects/T_brucei/.
Location/Qualifiers
1..22
/organism="Trypanosoma brucei"
/mol_type="genomic DNA"
/strain="TRU927"
/db_xref="taxon:5691"
/clone="130g02"
BASE COUNT 14 a 3 c 1 g 4 t
Query Match 1.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 7.8;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
ZY 1603 AATATGAACATTAAATATA 1624
|||||
DB 1 AATACCAACATTGAATATAA 22
RESULT 7
A2345435/c
LOCUS
DEFINITION
A2345435 20 bp DNA linear GSS 29-SEP-2000
IM0080E11F Mouse 10kb plasmid UUGCLM library Mus musculus genomic
clone UUGCLM0080E11 F, genomic survey sequence.
ACCESSION
A2345435
VERSION
A2345435.1 GI:10424672
KEYWORDS
GSS.
SOURCE
Mus musculus (house mouse)
ORGANISM
Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 20)
REFERENCE
AUTHORS
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly,
M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
and Wright, D., Weiss, R.
TITLE
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
JOURNAL
Unpublished
COMMENT
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah

Rm. 309, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: dunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0080 row: E column: 11
Seq primer: GGTGTAAACGACGCGCNGT
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
1..20
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGCLM0080E11"
/sex="Male"
/lab_host="B. Coli strain XL10-Gold, T1-resistant, F-"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(<http://www.jax.org/resources/documents/dnares/>). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
BASE COUNT 11 a 4 c 0 g 5 t
Query Match 1.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.4;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1045 TATTATGCTATTATTAAAG 1064
|||||
DB 20 TATTATGCTATTATTGAAG 1
RESULT 8
A255237
LOCUS
DEFINITION
A255237 3'-directed mouse cDNA library Mus musculus cDNA clone
BED0004881 3', mRNA sequence.
ACCESSION
A255237
VERSION
A255237.1 GI:20317784
KEYWORDS
EST.
SOURCE
Mus musculus (house mouse)
ORGANISM
Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 20)
REFERENCE
AUTHORS
Kato, K. and Matoba, R.
TITLE
Generation of expressed sequence tags from mouse brain
JOURNAL
Unpublished
COMMENT
Contact: Kikuya Kato
Graduate School of Biological Sciences
Nara Institute of Science and Technology
8916-5 Takayama, Ikoma, Nara 630-0101, Japan
Tel: 81-743-72-5581
Fax: 81-743-72-5589
Email: kkatob@bs.nara.ac.jp

URL: <http://love2.aist-nara.ac.jp/BED/index.html>.

FEATURES

source

1. .20
/organism="Mus musculus"
/mol_type="rRNA"
/db_xref="taxon:10090"
/clone="BED0004881"
/issue_type="brain"
/clone_lib="3"-directed mouse cDNA library"
/clone_lib="3" 2 g 2 t 1 others

BASE COUNT

13 a 2 c 2 g 2 t 1 others

Query Match 1.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 8.3;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y

612 ATCTACAAAAAACAACA 630

b

2 ATCTACAAAAAACAACA 20

RESULT 9

Z764511

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

AZ764511 19 bp DNA linear GSS 16-FEB-2001
1M0560B08R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0560B08 R, genomic survey sequence.

ACCESSION AZ764511
VERSION 1
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

REFERENCE 1 (bases 1 to 19)
AUTHORS Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,
M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
and Wright,D., Weiss,R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts

JOURNAL Unpublished
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0560 row: B column: 08
Seq primer: CACACAGGAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 19.

FEATURES

source

1. .19
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0560B08"
/sex="Male"
/lab_host="B. Coli strain XL10-Gold, T1-resistant, P-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(<http://www.jax.org/resources/documents/dnares/>). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adapted DNA was purified and size-selected for a 9.5 to

10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of PWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adapted mouse DNA was annealed to
adapted vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

BASE COUNT 13 a 0 c 0 g 6 t

Query Match 1.1%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.4;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY

1252 AATCAACAAATATTTT 1270

Db

1 AAAAAAATATTTT 19

RESULT 10

AZ764517

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

AZ764517 19 bp DNA linear GSS 16-FEB-2001
1M0560L07R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0560L07 R, genomic survey sequence.

ACCESSION AZ764517
VERSION 1
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

REFERENCE 1 (bases 1 to 19)
AUTHORS Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,
M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
and Wright,D., Weiss,R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts

JOURNAL Unpublished
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0560 row: L column: 07
Seq primer: CACACAGGAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 19.

FEATURES

source

1. .19
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0560L07"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, P-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(<http://www.jax.org/resources/documents/dnares/>). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adapted DNA was purified and size-selected for a 9.5 to

10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

BASE COUNT 16 a 0 c 0 g 3 t

Query Match 1.1%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.4;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2Y 618 AAAAAACACCAATAATT 636

3b 1 AAAAAAATAATAATT 19

RESULT 11

AZ817185 19 bp DNA linear GSS 20-FEB-2001
LOCUS 2M008E197 Mouse 10kb plasmid UUGC1M library Mus musculus genomic
DEFINITION clone UUGC2M008E19 F, genomic survey sequence.

ACCESSION AZ817185.1 GI:12987093

VERSION 1

KEYWORDS GSS.

SOURCE Mus musculus (house mouse)

ORGANISM

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE

1 (bases 1 to 19)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly,
M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts

TITLE

plasmid inserts

Unpublished

Contact: Robert B. Weiss

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84112, USA

Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0086 row: E column: 19

Seq primer: CGTGTAAACGACGGCAGT

Class: plasmid ends

High quality sequence stop: 19.

Location/Qualifiers

FEATURES

source

1. .19

/organism="Mus musculus"

/mol_type="genomic DNA"

/strain="C57BL/6J"

/db_xref="taxon:10090"

/clone="UUGC2M008E19"

/sex="Male"

/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"

/clone_lib="Mouse 10kb plasmid UUGC1M library"

/note="Vector: PWD42nv; Purified genomic DNA from M.

musculus C57BL/6J (male) was obtained from the Jackson

Laboratory Mouse DNA Resource

(http://www.jax.org/resources/documents/dnares/). The DNA

was hydrodynamically sheared by repeated passage through a

0.005 inch orifice at constant velocity. The sheared DNA

was blunt end-repaired with T4 DNA polymerase and T4

polynucleotide kinase. Adaptor oligonucleotides were

ligated to the blunt ends in high molar excess. The

adapted DNA was purified and size-selected for a 9.5 to

10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

BASE COUNT 8 a 0 c 0 g 11 t

Query Match 1.1%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.4;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1168 ATGTTTATTAGATAAATT 1186

Db 1 ATATTTTATTAGATAAATT 19

RESULT 12

AZ489065/c 20 bp DNA linear GSS 05-OCT-2000
LOCUS 1M0319110R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
DEFINITION clone UUGC1M0319110 R, genomic survey sequence.

ACCESSION AZ489065

VERSION 1 GI:10658451

KEYWORDS GSS.

SOURCE Mus musculus (house mouse)

ORGANISM

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE

1 (bases 1 to 20)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly,
M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts

Unpublished

Contact: Robert B. Weiss

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84112, USA

Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0319 row: I column: 10

Seq primer: CACACAGAAACAGCTATGAC

Class: plasmid ends

High quality sequence stop: 20.

Location/Qualifiers

FEATURES

source

1. .20

/organism="Mus musculus"

/mol_type="genomic DNA"

/strain="C57BL/6J"

/db_xref="taxon:10090"

/clone="UUGC1M0319110"

/sex="Male"

/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"

/clone_lib="Mouse 10kb plasmid UUGC1M library"

/note="Vector: PWD42nv; Purified genomic DNA from M.

musculus C57BL/6J (male) was obtained from the Jackson

Laboratory Mouse DNA Resource

(http://www.jax.org/resources/documents/dnares/). The DNA

was hydrodynamically sheared by repeated passage through a

0.005 inch orifice at constant velocity. The sheared DNA

was blunt end-repaired with T4 DNA polymerase and T4

polynucleotide kinase. Adaptor oligonucleotides were

ligated to the blunt ends in high molar excess. The

adapted DNA was purified and size-selected for a 9.5 to

10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (GI|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

BASE COUNT 10 a 2 c 1 g 7 t
Query Match 1.1%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 12;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1449 TGAACCTGCTTATTATGT 1467
| | | | | | | | | | | | | | | | | | | | | |
b 20 TTAACCTTATTATATGT 2

RESULT 13
AZ506216 20 bp DNA linear GSS 05-OCT-2000
LOCUS IM0347G1P Mouse 10kb plasmid UUGC1M library Mus musculus genomic
DEFINITION clone UUGC1M0347G1P F, genomic survey sequence.

ACCESSION AZ506216
VERSION AZ506216.1 GI:10687532
KEYWORDS GSS.

SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 20)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

JOURNAL Unpublished
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0347 row: G column: 11

Seq primer: CGTTGTAACGACGCGCCAGT
Class: plasmid ends

High quality sequence stop: 20.
Location/Qualifiers

FEATURES
source

1. .20
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0347G11"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, P-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/notes="Vector: pMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to

10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (GI|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

BASE COUNT 13 a 0 c 0 g 7 t

Query Match 1.1%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 12;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1252 AAACAACAATAATATTTT 1270
| | | | | | | | | | | | | | | | | | | | | |
Db 1 AAAAATAAATAATATTTT 19

RESULT 14
AZ759840/c 20 bp DNA linear GSS 16-FEB-2001
LOCUS 1M0553B05P Mouse 10kb plasmid UUGC1M library Mus musculus genomic
DEFINITION clone UUGC1M0553B05 P, genomic survey sequence.

ACCESSION AZ759840
VERSION AZ759840.1 GI:12867038
KEYWORDS GSS.

SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 20)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

JOURNAL Unpublished
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0553 row: B column: 05

Seq primer: CGTTGTAACGACGCGCCAGT
Class: plasmid ends

High quality sequence stop: 20.
Location/Qualifiers

FEATURES
source

1. .20
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0553B05"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, P-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/notes="Vector: pMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to

10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 [gi|4732114|gb|AF129072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

BASE COUNT 0 a 2 c 5 g 13 t

Query Match 1.1%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 12;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1207 AAACAAACAAACATTCGG 1225

DB 20 AAACAAACAAACACGCG 2

RESULT 15
AZ764514 20 bp DNA linear GSS 16-FEB-2001
LOCUS
DEFINITION
IM0560F09R Mouse 10kb plasmid UUGCLM library Mus musculus genomic
clone UUGCLM0560F09 R, genomic survey sequence.

ACCESSION
AZ764514
VERSION
KEYWORDS
SOURCE
GSS.

ORGANISM
Mus musculus (house mouse)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE
AUTHORS
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly
M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
and Wright, D., Weiss, R.

TITLE
Mouse whole genome scaffolding with paired end reads from 10kb
Plasmid inserts

JOURNAL
COMMENT
Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA

Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0560 row: F column: 09
Seq primer: CACACAGGAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.

FEATURES
source

1. .20
Location/Qualifiers
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGCLM0560F09"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGCLM library"
/note="Vector: pWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adapted DNA was purified and size-selected for a 9.5 to

10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 [gi|4732114|gb|AF129072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

BASE COUNT 13 a 0 c 0 g 7 t

Query Match 1.1%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 12;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1252 AAACAAACAAATATTTT 1270

DB 1 AAACAAACAAATATTTT 19

RESULT 16
AZ773905/c 20 bp DNA linear GSS 16-FEB-2001
LOCUS
DEFINITION
2M0601C15R Mouse 10kb plasmid UUGCLM library Mus musculus genomic
clone UUGC2M0001C15 R, genomic survey sequence.

ACCESSION
AZ773905
VERSION
KEYWORDS
SOURCE
GSS.

ORGANISM
Mus musculus (house mouse)
Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE
AUTHORS
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly
M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
and Wright, D., Weiss, R.

TITLE
Mouse whole genome scaffolding with paired end reads from 10kb
Plasmid inserts

JOURNAL
COMMENT
Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA

Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0001 row: C column: 15
Seq primer: CACACAGGAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.

FEATURES
source

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Location/Qualifiers
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0001C15"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGCLM library"
/note="Vector: pWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adapted DNA was purified and size-selected for a 9.5 to

10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (G₁/4732114[5b]Af129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent *E. Coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

BASE COUNT	7 a	0 c	0 g	13 t
Query Match	1.1%	Score 14.2;	DB 1;	Length 20;
Best Local Similarity	84.2%;	Pred. NO. 12;		
Matches 16:	Conservative	0:	Mismatches	3:
	Indels	0:	Gaps	0:

1252 AAACAACAAATTAATTTTTT 1270
|||||
20 AAAAAAAAAAATTTTTTTT 2

RESULT 17	AZ331082	19 bp DNA linear	GSS 29-SEP-2000
E331082/c	IM0056C13R	Mouse 10kb plasmid UUGC1M library	Mus musculus genomic
DCUS	clone UUGC1M0056C13 R.	genomic survey sequence.	
3FINITION			

CESSION	AZ331082				
ERSION	AZ331082.1	GI:10393262			
3WORDS	GSS.				
JURCE	Mus musculus	(house mouse)			
ORGANISM	Mus musculus				
	Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.				

REFERENCE
AUTHORS
1. (bases 1 to 19)
Dunn, D., Aoyagi, A., Barber, M., Beacom, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly,
M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausen, A.,
and Wright, D., Weiss, R.

TITLE	Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
JOURNAL	Unpublished

CONTACT: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLIC, UT
84112, USA

Tel.: 801 585 5605
 Fax: 801 585 7177
 Email: gdunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0056 Row: C Column: 13
 Seq primer: CACACGAGGAAACAGCTATGACC
 Class: plasmid ends
 High quality sequence stop: 19.

```

1. 19
Location/Qualifiers
/organism="Mus musculus"
/mol_type="Genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0056C13"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, P-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to

```

10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pW42 [G14732119] (pAF129022.1), a copy-number-inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

```

BASE COUNT      12 a      3 c      0 g      4 t
Query Match      1.1%  Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 14; Conservative 0; Mismatches 0;
Gaps 0;

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Qy 1169 TGTATTATTAGATA 1182
|||
Db 14 TGTATTATTAGATA 1

RESULT 18	20 bp	DNA	linear	GSS 03-OCT-2000
AZ411527/c				
LOCUS				
1M0194D10R	10kb	plasmid	UUGC1M library	Mus musculus genomic
DEFINITION				clone UUGC1M0194D10 R, genomic survey sequence.

ACCESSION	VERSION	KEYWORDS	SOURCE	ORGANISM
A2411527				
A2411527.1		GI:10533540		
		GSS.		
		Mus musculus	(house mouse)	
		Mus musculus		
		Eukaryota; Metazoa; Chordata; Vertebrata; Buteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.		

1 (bases 1 to 20)

REFERENCE

AUTHORS

Dunn, D., Aoyagi, A., Barber, M., Beacom, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly,
M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.,
and Wright, D. Weiss, R.

TITLE	Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
JOURNAL	Unpublished

CONTACT: Robert B. Weiss
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLIC, UT
84112, USA

Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert length: 10500 Std Error: 0.00
Plate: 0184 row: D column: 10
Seq primer: CACACAGGAACACGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.

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FEATURES
Source
1. 20
Location/Qualifiers
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0184D10"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/notes="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
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```

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BASE COUNT 5 a 4 c 3 g 8 t

Query Match 1.1%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 13;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1464 ATGTACAAATAGAT 1477

Db 16 ATGTACAAATAGAT 3

RESULT 19

AZ309116

LOCUS

DEFINITION 1M0012823R Mouse 10kb plasmid UUGC1M library Mus musculus genomic

clone UUGC1M0012823 R, genomic survey sequence.

ACCESSION

AZ309116

VERSION

AZ309116.1

GI:10349784

GSS.

SOURCE

Mus musculus (house mouse)

ORGANISM

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 19)

Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,

Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly

,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.

and Wright,D., Weiss,R.

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Unpublished

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University of Utah

Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT

84112, USA

Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0012 row: E column: 23

Seq primer: CACACAGGAACAGCTATGACC

Class: plasmid ends

High quality sequence stop: 19.

Location/Qualifiers

1. .19

/organism="Mus musculus"

/mol_type="genomic DNA"

/strain="C57BL/6J"

/db_xref="taxon:10090"

/clone="UUGC1M0012823"

/sex="Male"

/lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"

/clone_lib="Mouse 10kb plasmid UUGC1M library"

/note="Vector: PMD42nv; Purified genomic DNA from M.

musculus C57BL/6J (male) was obtained from the Jackson

Laboratory Mouse DNA Resource

(http://www.jax.org/resources/documents/dnares/). The DNA

was hydrodynamically sheared by repeated passage through a

0.005 inch orifice at constant velocity. The sheared DNA

was blunt end-repaired with T4 DNA polymerase and T4

polynucleotide kinase. Adaptor oligonucleotides were

ligated to the blunt ends in high molar excess. The

10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

BASE COUNT 5 a 8 c 0 g 6 t

Query Match 1.1%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 12;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 443 TCAAGCAATCTACTTC 459

Db 2 TCAAGCAATCTACTTC 18

RESULT 20

AZ514792

LOCUS

DEFINITION 1M0361B17R Mouse 10kb plasmid UUGC1M library Mus musculus genomic

clone UUGC1M0361B17 R, genomic survey sequence.

ACCESSION

AZ514792

VERSION

AZ514792.1

GI:10696108

GSS.

SOURCE

Mus musculus (house mouse)

ORGANISM

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 19)

Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,

Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly

,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.

and Wright,D., Weiss,R.

Mouse whole genome scaffolding with paired end reads from 10kb

plasmid inserts

Unpublished

Contact: Robert B. Weiss

University of Utah Genome Center

University of Utah

Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT

84112, USA

Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0361 row: B column: 17

Seq primer: CACACAGGAACAGCTATGACC

Class: plasmid ends

High quality sequence stop: 19.

Location/Qualifiers

1. .19

/organism="Mus musculus"

/mol_type="genomic DNA"

/strain="C57BL/6J"

/db_xref="taxon:10090"

/clone="UUGC1M0361B17"

/sex="Male"

/lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"

/clone_lib="Mouse 10kb plasmid UUGC1M library"

/note="Vector: PMD42nv; Purified genomic DNA from M.

musculus C57BL/6J (male) was obtained from the Jackson

Laboratory Mouse DNA Resource

(http://www.jax.org/resources/documents/dnares/). The DNA

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0.005 inch orifice at constant velocity. The sheared DNA

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10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

BASE COUNT 5 a 8 c 0 g 6 t

Query Match 1.1%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 12;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 443 TCAAGCAATCTACTTC 459

Db 2 TCAAGCAATCTACTTC 18

RESULT 20

AZ514792

LOCUS

DEFINITION 1M0361B17R Mouse 10kb plasmid UUGC1M library Mus musculus genomic

clone UUGC1M0361B17 R, genomic survey sequence.

ACCESSION

AZ514792

VERSION

AZ514792.1

GI:10696108

GSS.

SOURCE

Mus musculus (house mouse)

ORGANISM

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 19)

Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,

Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly

,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.

and Wright,D., Weiss,R.

Mouse whole genome scaffolding with paired end reads from 10kb

plasmid inserts

Unpublished

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84112, USA

Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0361 row: B column: 17

Seq primer: CACACAGGAACAGCTATGACC

Class: plasmid ends

High quality sequence stop: 19.

Location/Qualifiers

1. .19

/organism="Mus musculus"

/mol_type="genomic DNA"

/strain="C57BL/6J"

/db_xref="taxon:10090"

/clone="UUGC1M0361B17"

/sex="Male"

/lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"

/clone_lib="Mouse 10kb plasmid UUGC1M library"

/note="Vector: PMD42nv; Purified genomic DNA from M.

musculus C57BL/6J (male) was obtained from the Jackson

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(http://www.jax.org/resources/documents/dnares/). The DNA

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0.005 inch orifice at constant velocity. The sheared DNA

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BASE COUNT 5 a 8 c 0 g 6 t

Query Match 1.1%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 12;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 443 TCAAGCAATCTACTTC 459

Db 2 TCAAGCAATCTACTTC 18

RESULT 20

AZ514792

LOCUS

DEFINITION 1M0361B17R Mouse 10kb plasmid UUGC1M library Mus musculus genomic

clone UUGC1M0361B17 R, genomic survey sequence.

ACCESSION

AZ514792

VERSION

AZ514792.1

GI:10696108

GSS.

SOURCE

Mus musculus (house mouse)

ORGANISM

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 19)

Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,

Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly

,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.

and Wright,D., Weiss,R.

Mouse whole genome scaffolding with paired end reads from 10kb

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Unpublished

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84112, USA

Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0361 row: B column: 17

Seq primer: CACACAGGAACAGCTATGACC

Class: plasmid ends

High quality sequence stop: 19.

Location/Qualifiers

1. .19

/organism="Mus musculus"

/mol_type="genomic DNA"

/strain="C57BL/6J"

/db_xref="taxon:10090"

/clone="UUGC1M0361B17"

/sex="Male"

/lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"

/clone_lib="Mouse 10kb plasmid UUGC1M library"

/note="Vector: PMD42nv; Purified genomic DNA from M.

musculus C57BL/6J (male) was obtained from the Jackson

Laboratory Mouse DNA Resource

(http://www.jax.org/resources/documents/dnares/). The DNA

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10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 [gi|4732114|gb|AF129072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

BASE COUNT 15 a 1 c 1 g 2 t

Query Match 1.18; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.28; Pred. No. 12;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 616 ACAAACACACAAATA 632

b 2 AAAAAACACAAATA 18

RESULT 21
A2663032
LOCUS 19 bp DNA linear GSS 14-DEC-2000
DEFINITION 1M0542M22F Mouse 10kb plasmid UUGCLM library Mus musculus genomic
clone UUGCLM0542M22 F, genomic survey sequence.

ACCESSION A2663032

VERSION A2663032.1 GI:11800178

KEYWORDS GSS.

SOURCE Mus musculus (house mouse)

ORGANISM Mus musculus

REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 19)

AUTHORS Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly
M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
and Wright,D., Weiss,R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb

plasmid inserts

Unpublished

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University of Utah Genome Center

University of Utah

Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT

84112, USA

Tel: 801 585 5606

Fax: 801 585 7177

Email: cdunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0542 row: M column: 22

Seq primer: CGTGTAAACACGCGCACT

Class: plasmid ends

High quality sequence stop: 19.

Location/Qualifiers

1. 19

/organism="Mus musculus"

/mol_type="genomic DNA"

/strain="C57BL/6J"

/db_xref="taxon:10090"

/clone="UUGCLM0542M22"

/sex="Male"

/lab_hosts="E. Coli strain XL10-Gold, T1-resistant, P-"

/clone_lib="Mouse 10kb plasmid UUGCLM library"

/note="Vector: FWD42nv; Purified genomic DNA from M.

musculus C57BL/6J (male) was obtained from the Jackson

Laboratory Mouse DNA Resource

(http://www.jax.org/resources/documents/dnares/). The DNA

was hydrodynamically sheared by repeated passage through a

0.005 inch orifice at constant velocity. The sheared DNA

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polynucleotide kinase. Adaptor oligonucleotides were

ligated to the blunt ends in high molar excess. The

adapted DNA was purified and size-selected for a 9.5 to

10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 [gi|4732114|gb|AF129072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

BASE COUNT 5 a 3 c 1 g 10 t

Query Match 1.18; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.28; Pred. No. 12;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1037 CTATTATTATTATGT 1053

Db 3 CTATCTATTATTCATGT 19

RESULT 22
A2435597/c
LOCUS 23 bp DNA linear GSS 03-OCT-2000
DEFINITION 1M0222P09R Mouse 10kb plasmid UUGCLM library Mus musculus genomic
clone UUGCLM0222P09 R, genomic survey sequence.

ACCESSION A2435597

VERSION A2435597.1 GI:10559610

KEYWORDS GSS.

SOURCE Mus musculus (house mouse)

ORGANISM Mus musculus

REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 23)

AUTHORS Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly
M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
and Wright,D., Weiss,R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb

plasmid inserts

Unpublished

Contact: Robert B. Weiss

University of Utah Genome Center

University of Utah

Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT

84112, USA

Tel: 801 585 5606

Fax: 801 585 7177

Email: cdunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0222 row: P column: 09

Seq primer: CACACAGCAACACGCTATGACC

Class: plasmid ends

High quality sequence stop: 23.

Location/Qualifiers

1. 23

/organism="Mus musculus"

/mol_type="genomic DNA"

/strain="C57BL/6J"

/db_xref="taxon:10090"

/clone="UUGCLM0222P09"

/sex="Male"

/lab_hosts="E. Coli strain XL10-Gold, T1-resistant, P-"

/clone_lib="Mouse 10kb plasmid UUGCLM library"

/note="Vector: FWD42nv; Purified genomic DNA from M.

musculus C57BL/6J (male) was obtained from the Jackson

Laboratory Mouse DNA Resource

(http://www.jax.org/resources/documents/dnares/). The DNA

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0.005 inch orifice at constant velocity. The sheared DNA

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polynucleotide kinase. Adaptor oligonucleotides were

ligated to the blunt ends in high molar excess. The

adapted DNA was purified and size-selected for a 9.5 to

10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid RL. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

```

BASE COUNT      17 a      0 c      0 g      6 t
Query Match      1.1%; Score 13.6; DB 1; Length 23;
Best Local Similarity 80.0%; Pred. No. 29;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1560 AAATTTTACTGTTCT 1579
Db 20 AAATTTTACTGTTCT 1

RESULT 23
AW247949
LOCUS
DEFINITION      17 bp mRNA linear EST 07-JAN-2000
                2820605.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2820605 3',
                mRNA sequence.
ACCESSION      AW247949
VERSION
KEYWORDS
SOURCE
ORGANISM      Homo sapiens (human)

REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT
Other ESTs: 2820605.5prime
Contact: Robert Strausberg, Ph.D.
Email: cgaabs-rc@mail.nih.gov
Tissue Procurement: DCTD/DFP cDNA Library Preparation: Ling
Hong/Rubin Laboratory cDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LNL) DNA Sequencing by: Berkeley MGC sequencing
Project Clome Distribution: MGC clone distribution information can
be found through the I.M.A.G.E. Consortium/LNL at:
www.bio.lnl.gov/bbcp/image/image.html Base Calling / Quality
Scores: PHRED from University of Washington Genome Center. Vector
Trimming: cross_match from University of Washington Genome Center.
PHRAP suite. Poly-T identification: parMatch.pl from Berkeley
Drosophila Genome Project. University of Washington Genome Center:
http://www.genome.washington.edu Low Quality Sequence: 0 contiguous
PHRED high quality bases following vector sequence. Very Low
Quality Sequence: Trace file contained 17 contiguous distinct peaks
following vector sequence. Polyadenylation: Based upon the presence
of a xhoI site followed by a run of 14 or more T residues at the
beginning of the sequence, this cDNA insert was polyadenylated.
Plate: L14C4 row: K column: 6.
Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:2820605"
/tissue_type="small cell carcinoma"
/cell_line="MGC3"
/lab_host="DH10B (phage-resistant)"
/clone_lib="NTH_MGC 7"
/notes="Organ: lung; Vector: pOTB7; Site 1: XhoI; Site 2:
EcoRI; cDNA made by oligo-dT priming. Directionally
cloned into EcoRI/XhoI sites using the following 5'
adaptor: GGCACGAG(G). Size-selected >500bp for average
insert size 1.8kb. Library constructed by Ling Hong in
the laboratory of Gerald M. Rubin (University of
California, Berkeley) using ZAP-cDNA synthesis kit

```

```

(Stratagene) and Superscript II RT (Life Technologies)."

BASE COUNT      1 a      1 c      0 g      15 t
Query Match      1.1%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 9.2;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1563 TTTTCTTACTGTTT 1577
Db 3 TTTTCTTACTGTTT 17

RESULT 24
AZ315768
LOCUS
DEFINITION      19 bp DNA linear GSS 29-SEP-2000
                1M0033F01F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
                clone UUGC1M0033F01 F, genomic survey sequence.
ACCESSION      AZ315768
VERSION
KEYWORDS
SOURCE
ORGANISM      Mus musculus (house mouse)

REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: durnmgenetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0033 row: F column: 01
Seq primer: CTTTGTAAACGACGCGCAGT
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
1..19
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0033F01"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/notes="Vector: pWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adapted DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid RL. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adapted mouse DNA was annealed to
adapted vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells

```

ASE COUNT 2 a 4 c 2 g 11 t and selected for ampicillin resistance."

Query Match 1.1%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 15;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 907 TTCTCTTTTATTTCT 921
|||||
b 2 TTCTCTGTATTTCT 16

RESULT 25

OCUS 21365
DEFINITION HUMS0005154 Human adult (K.Okubo) Homo sapiens cDNA 3', mRNA
sequence.

CESSION C21365

ERSION C21365

URCE Homo sapiens (human)

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1 (bases 1 to 18)

AUTHORS Okubo, K.

TITLES Bodymap; human gene expression database

JOURNAL Unpublished

COMMENT Contact: Okubo, K.

Institute for Molecular and Cellular Biol

Osaka University

1-3 Yamada-oka, Suita, Osaka Pref. 565, Japan

Tel. 06-877-5111(ex.3315)

Email: kousaku@imcb.osaka-u.ac.jp

We are not submitting the same cDNA sequence redundantly to DBJ since 1993. For the abundance information of clones with this sequence in this library and as well as in other 3'-directed libraries, see 'http://www.imcb.osaka-u.ac.jp/bodymap'. The sequences of the clones represented by this GS sequences is also found there.

FEATURES Location/Qualifiers

source

1. .18

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="taxon:9606"

/dev_stage="adult"

/clone_lib="Human adult (K.Okubo)"

/note="One or more human adult tissue"

4 a 3 c 1 g 10 t

Query Match 1.1%; Score 13.2; DB 1; Length 18;

Best Local Similarity 83.3%; Pred. No. 14;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1553 GCTCTCCAAATTTTTT 1570

|||||

b 1 GATCTTCAATCTTTTT 18

RESULT 26

OCUS 2764517/c
DEFINITION HM0560L07R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0560L07 R, genomic survey sequence.

CESSION AZ764517

ERSION AZ764517

URCE Mus musculus (house mouse)

ORGANISM Mus musculus

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1 (bases 1 to 19)

AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausen, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

Unpublished

Contact: Robert B. Weiss

University of Utah Genome Center

University of Utah

Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT

84112, USA

Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0560 row: L column: 07

Seq primer: CACACAGGAACAGCTATGACC

Class: plasmid ends

High quality sequence stop: 19.

FEATURES

source

1. .19

/organism="Mus musculus"

/mol_type="genomic DNA"

/strain="C57BL/6J"

/db_xref="taxon:10090"

/clone="UUGC1M0560L07"

/sex="Male"

/lab_host="E. Coli strain XL10-Gold, TI-resistant, F-"

/clone_lib="Mouse 10kb plasmid UUGC1M library"

/note="Vector: FWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson

Laboratory Mouse DNA Resource

(http://www.jax.org/resources/documents/dnares/). The DNA

was hydrodynamically sheared by repeated passage through a

0.005 inch orifice at constant velocity. The sheared DNA

was blunt end-repaired with T4 DNA polymerase and T4

polynucleotide kinase. Adaptor oligonucleotides were

ligated to the blunt ends in high molar excess. The

adaptor DNA was purified and size-selected for a 9.5 to

10.5 kb range using preparative agarose gel

electrophoresis. Vector DNA was prepared from a derivative

of pWD42 (GI|4732114|gb|AP129072.1), a copy-number

inducible derivative of plasmid R1. The vector was ligated

with adaptors complementary to the insert adaptors and

purified. The sheared, adaptor mouse DNA was annealed to

adaptor vector DNA, and transformed into

chemically-competent E. coli XL10-Gold (Stratagene) cells

and selected for ampicillin resistance."

BASE COUNT 16 a 0 c 0 g 3 t

Query Match 1.1%; Score 13.2; DB 1; Length 19;

Best Local Similarity 83.3%; Pred. No. 17;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1560 AAATTTTTTTTACTGTTT 1577

|||||

Db 19 AAATTTTTTTTTTTTTT 2

RESULT 27

LOCUS AZ462635
DEFINITION 1M0269K11R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0269K11 R, genomic survey sequence.

ACCESSION AZ462635

VERSION AZ462635.1 GI:10620676

KEYWORDS GSS.

SOURCE Mus musculus (house mouse)

ORGANISM Mus musculus

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1 (bases 1 to 22)

AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausen, A., and Wright, D., Weiss, R.,
 Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
 Unpublished
 Contact: Robert B. Weiss
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0289 row: K column: 11
 Seq primer: CACACGAGAACAGCTATGACC
 Class: plasmid ends
 High quality sequence stop: 22.
 Location/Qualifiers
 1. 22
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clones="U00C1M0269K11"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, P-"
 /clone_lib="Mouse 10kb plasmid U00C1M library"
 /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
 BASE COUNT 12 a 4 c 0 g 6 t
 Query Match 1.0%; Score 13; DB 1; Length 22;
 Best Local Similarity 76.2%; Pred. No. 34;
 Matches 16; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
 QY 995 TTTCATACATACATTAATAT 1015
 |||||
 Db 2 TTTCATACATACATTAATAT 22
 |||||
 RESULT 28
 AW248574 17 bp mRNA linear EST 07-JAN-2000
 LOCUS 2821096.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2821096 3',
 DEFINITION mRNA sequence.
 ACCESSION AW248574.1 GI:6591567
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM
 Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 REFERENCE 1 (bases 1 to 17)
 AUTHORS NIH-MGC http://mgc.nci.nih.gov/.

National Institutes of Health, Mammalian Gene Collection (MGC)
 Unpublished
 Other ESTs: 2821096.5prime
 Contact: Robert Strausberg, Ph.D.
 Email: cgabs-remail.nih.gov
 Tissue Procurement: DCD/DIP CDNA Library Preparation: Ling
 Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.
 Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing
 project Clone distribution: MGC clone distribution information can
 be found through the I.M.A.G.E. Consortium/LLNL at:
 www-bio.llnl.gov/bhrp/image/image.html Base Calling / Quality
 Scores: PHRED from University of Washington Genome Center
 Trimming: cross match from University of Washington Genome Center
 PHRAP suite. Poly-T Identification: patmatch.pl from Berkeley
 Drosophila Genome Project. University of Washington Genome Center:
 http://www.genome.washington.edu Low Quality Sequence: 8 contiguous
 PHRED high quality bases following vector sequence. Very Low
 Quality Sequence: Trace file contained 17 contiguous distinct peaks
 following vector sequence. Polyadenylation: Based upon the presence
 of a XhoI site followed by a run of 14 or more T residues at the
 beginning of the sequence, this cDNA insert was polyadenylated.
 Plate: LCM5 row: 0 column: 17
 High quality sequence stop: 8.
 Location/Qualifiers
 1. 17
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="taxon:9606"
 /clones="IMAGE:2821096"
 /tissue_type="small cell carcinoma"
 /cell_lines="MGC3"
 /lab_host="DH10B (phage-resistant)"
 /clone_lib="NIH_MGC_7"
 /note="Organ: lung; Vector: pOTB7; Site 1: XhoI; Site 2:
 EcoRI; cDNA made by oligo-dT priming. Directionally
 cloned into EcoRI/XhoI sites using the following 5'
 adaptor: GGCACGAG(G). Size-selected >500bp for average
 insert size 1.8kb. Library constructed by Ling Hong in
 the laboratory of Gerald M. Rubin (University of
 California, Berkeley) using ZAP-cDNA synthesis kit
 (Stratagene) and Superscript II RT (Life Technologies)."
 BASE COUNT 0 a 0 c 1 g 16 t
 Query Match 1.0%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 13;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 618 AAAAAACACCAATTA 633
 |||||
 Db 17 AAAAAACACCAATTA 2
 |||||
 RESULT 29
 BQ591588 17 bp mRNA linear EST 06-DEC-2002
 LOCUS E012616-024-017-C15-SP6 MP1Z-ADIS-024-storage root Beta vulgaris
 DEFINITION cDNA clone 024-017-C15 5-PRIME, mRNA sequence.
 ACCESSION BQ591588
 VERSION BQ591588.1 GI:26121171
 KEYWORDS
 SOURCE
 ORGANISM
 Beta vulgaris
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
 Caryophyllales; Amaranthaceae; Beta.
 REFERENCE 1 (bases 1 to 17)
 AUTHORS Herwig, R., Schulz, B., Weishaar, B., Hennig, S., Steinfath, M.,
 Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H.
 and Radelof, U.
 Construction of a 'unigene' cDNA clone set by oligonucleotide
 fingerprinting allows access to 25 000 potential sugar beet genes
 Plant J. 32 (5), 845-857 (2002)
 JOURNAL
 COMMENT Contact: Weishaar B

ADIS DNA core facility at MPIZ
 Max-Planck-Institute for Plant Breeding Research
 Carl-von-Linne Weg 10, 50829 Koeln, Germany
 Fax: 00492215062851
 Email: weissaha@mhz-koeln.mpg.de
 Insert Length: 17 Std Error: 0.00
 Plate: 17 row: C column: 15
 Seq primer: SP6; CATACGATTAGGTGACACTATAG.

FEATURES
 source

Location/Qualifiers
 1..17
 /organism="Beta vulgaris"
 /mol_type="rRNA"
 /cultivar="KWS2320 (double haploid, monogerm breeding line)"
 /db_xref="GABI:188532"
 /db_xref="taxon:161934"
 /clone="024-017-Cl15"
 /tissue_type="storage root"
 /lab_host="EMPH10B"
 /clone_lib="MPIZ-ADIS-024-storage root"
 /note="Vector: pCMVSPORT6; Site 1: SalI; Site 2: NotI;
 cDNA library from sugar beet, library provided by KWS
 Kleinwanzlebener Saatnucht AG Binbeck, Germany, contact:
 b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
 orientation:
 SP6-Sali-CCACGCGTCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
 Sequencing granted in the context of the GABI-Beet project
 local PI: Dr. Katharina Schneider, coordinator: Prof.
 Christian Jung; Sequence submission managed by
 RZPD/GABI-Primary database: http://gabi.rzpd.de"

BASE COUNT 1 a 0 c 0 g 16 t
 Query Match 1.0%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 13;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

618 AAAAAACACAAATTA 633
 |||||
 16 AAAAAACAAATTA 1

RESULT 30
 2764511/c
 LOCUS
 DEFINITION
 1M056080R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
 clone UUGC1M056080 R, genomic survey sequence.

ACCESSION
 AZ764511
 VERSION
 AZ764511.1 GI:12879549
 KEYWORDS
 GSS.
 SOURCE
 Mus musculus (house mouse)
 ORGANISM
 Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 19)
 Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
 Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly
 M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
 and Wright,D., Weiss,R.
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts

TITLE
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts
 JOURNAL
 Unpublished
 CONTACT: Robert B. Weiss
 University of Utah
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0560 row: B column: 08
 Seq primer: CACACGGAACAGCTATGACC
 Class: plasmid ends

High quality sequence stop: 19.
 Location/Qualifiers
 1..19

/organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="CS7BL/6J"
 /db_xref="taxon:10090"
 /clone="UUGC1M056080"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UUGC1M library"
 /note="Vector: PWD42nv; Purified genomic DNA from M.
 musculus CS7BL/6J (male) was obtained from the Jackson
 Laboratory Mouse DNA Resource
 (http://www.jax.org/resources/documents/dnares/). The DNA
 was hydrodynamically sheared by repeated passage through a
 0.005 inch orifice at constant velocity. The sheared DNA
 was blunt end-repaired with T4 DNA polymerase and T4
 polynucleotide kinase. Adaptor oligonucleotides were
 ligated to the blunt ends in high molar excess. The
 adaptor DNA was purified and size-selected for a 9.5 to
 10.5 kb range using preparative agarose gel
 electrophoresis. Vector DNA was prepared from a derivative
 of PWD42 (gi|4732114|gb|AF129072.1), a copy-number
 inducible derivative of plasmid R1. The vector was ligated
 with adaptors complementary to the insert adaptors and
 purified. The sheared, adaptor mouse DNA was annealed to
 adaptor vector DNA, and transformed into
 chemically-competent E. coli XL10-Gold (Stratagene) cells
 and selected for ampicillin resistance."

BASE COUNT 13 a 0 c 0 g 6 t

Query Match 1.0%; Score 12.8; DB 1; Length 19;
 Best Local Similarity 87.5%; Pred. No. 22;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1140 AAATTATTATTATTT 1155
 |||||
 Db 16 AAATTATTATTATTT 1

RESULT 31
 AZ506216/c
 LOCUS
 DEFINITION
 1M0347G11F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
 clone UUGC1M0347G11 F, genomic survey sequence.

ACCESSION
 AZ506216
 VERSION
 AZ506216.1 GI:10687532
 KEYWORDS
 GSS.
 SOURCE
 Mus musculus (house mouse)
 ORGANISM
 Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 20)
 Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
 Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly
 M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
 and Wright,D., Weiss,R.
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts

TITLE
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts
 JOURNAL
 Unpublished
 CONTACT: Robert B. Weiss
 University of Utah
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0347 row: G column: 11
 Seq primer: CGTTGTAAACGACGCCAGT
 Class: plasmid ends

High quality sequence stop: 20.
Location/Qualifiers

FEATURES
source

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1. .20
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGCLM0347G11"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, P-"
/clone_lib="Mouse 10kb plasmid UUGCLM library"
/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
```

BASE COUNT 13 a 0 c 0 g 7 t

Query Match 1.0%; Score 12.8; DB 1; Length 20;
Best Local Similarity 87.5%; Pred. No. 27;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```
2Y 1140 AAATTATTTATTTT 1155
||||| ||||| |||||
3B 16 AAATTTTATTTT 1
```

RESULT 32
A2764514/c
LOCUS 20 bp DNA linear GSS 16-FEB-2001
DEFINITION IMU560F09R Mouse 10kb plasmid UUGCLM library Mus musculus genomic clone UUGCLM0560F09 R, genomic survey sequence.

ACCESSION A2764514
VERSION A2764514.1 GI:12879555

KEYWORDS GSS.

SOURCE Mus musculus (house mouse)

ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1 (bases 1 to 20)
AUTHORS Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

JOURNAL Unpublished

COMMENT Contact: Robert B. Weiss

University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA

Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0560 row: P column: 09

Seq primer: CACACAGGAACAGCTATGACC

Class: plasmid ends

High quality sequence stop: 20.

Location/Qualifiers

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1. .20
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGCLM0560F09"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, P-"
/clone_lib="Mouse 10kb plasmid UUGCLM library"
/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
```

BASE COUNT 13 a 0 c 0 g 7 t

Query Match 1.0%; Score 12.8; DB 1; Length 20;
Best Local Similarity 87.5%; Pred. No. 27;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```
QY 1140 AAATTATTTATTTT 1155
||||| ||||| |||||
DB 16 AAATTTTATTTT 1
```

RESULT 33
A2773905

LOCUS 20 bp DNA linear GSS 16-FEB-2001
DEFINITION 2M0001C15R Mouse 10kb plasmid UUGCLM library Mus musculus genomic clone UUGCLM0001C15 R, genomic survey sequence.

ACCESSION A2773905
VERSION A2773905.1 GI:12898761

KEYWORDS GSS.

SOURCE Mus musculus (house mouse)

ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1 (bases 1 to 20)

AUTHORS Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

JOURNAL Unpublished

COMMENT Contact: Robert B. Weiss

University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA

Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0001 row: C column: 15

Seq primer: CACACAGGAACAGCTATGACC

Class: plasmid ends

High quality sequence stop: 20.

FEATURES
Location/Qualifiers
1. .20

/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0001C15"
/sex="Male"
/lab_host="B. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: pMD20nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (GI:4732114) [gb|AF129072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

BASE COUNT 7 a 0 c 0 g 13 t
Query Match 1.0%; Score 12.8; DB 1; Length 20;
Best Local Similarity 87.5%; Pred. No. 27;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
y 1140 AAATTATTATTATTTT 1155
|||||
b 5 AAATTATTATTATTTT 20
|||||

ASE COUNT

RESULT 34
LOCUS AW246446
DEFINITION 2821601.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2821601.3;
mRNA sequence.
ACCESSION AW246446
VERSION AW246446.1 GI:6589439
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 17)
AUTHORS NIH-MGC http://mgs.nci.nih.gov/.
TITLE National Institutes of Health, Mammalian Gene Collection (MGC)
JOURNAL Unpublished
COMMENT Other ESTs: 2821601.5prime
Contact: Robert Strausberg, Ph.D.
Email: cgabbs@mail.nih.gov
Tissue Procurement: DCTD/DTP cDNA Library Preparation: Ling Hong/Rubin Laboratory cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing project
Clone distribution: MGC clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: www.bio.llnl.gov/bbrp/image/image.html
Base Calling / Quality Scores: PHRED from University of Washington Genome Center. Vector Trimming: cross match from University of Washington Genome Center PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley Drosophila Genome Project. University of Washington Genome Center: http://www.genome.washington.edu/LowQualitySequence. Very Low PHRED high quality bases following vector sequence. 9 contiguous Quality Sequence: Trace file contained 17 contiguous distinct peaks following vector sequence. Polyadenylation: Based upon the presence of a XhoI site followed by a run of 14 or more T residues at the beginning of the sequence, this cDNA insert was polyadenylated.
Plate: L1C07 row: D column: 18
High quality sequence stop: 9.
Location/Qualifiers
1. .17

FEATURES
source
Location/Qualifiers
1. .17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:2821601"

FEATURES
source
Location/Qualifiers
1. .14
/organism="Beta vulgaris"

FEATURES
source
Location/Qualifiers
1. .14
/organism="Beta vulgaris"

/mol_type="mRNA"
/cultivar="XWS2320 (double haploid, monogerm breeding line)"
/db_xref="GABI:186403"
/db_xref="taxon:161934"
/clone="024-012-M13"
/tissue_type="leaf"
/lab_host="EMDH10B"
/clone_lib="MP12-ADIS-024-leaf"
/notes="Vector: pCMVSPORT6; Site 1: SalI; Site 2: NotI; cDNA library from sugar beet, library provided by KWS Kleinanwaldbener Saatzeucht AG Einbeck, Germany, contact: b.schulz@kws.de; cloning sites SalI-NotI, primer sites and orientation:
SP6-Sali-CCAGCGTCGCG-Sprime-cDNA-polyA-CC-NotI-T7; Note: Sequencing granted in the context of the GABI-Best project, local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"

BASE COUNT 5 a 3 c 2 g 4 t
Query Match 1.0%; Score 12.4; DB 1; Length 14;
Best Local Similarity 92.9%; Pred. No. 6.8;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 505 AATACAGATTCTCT 518
|||||
Db 1 AATACAGATTCTCT 14
|||||

RESULT 35

LOCUS AW246446
DEFINITION 2821601.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2821601.3;
mRNA sequence.
ACCESSION AW246446
VERSION AW246446.1 GI:6589439
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 17)
AUTHORS NIH-MGC http://mgs.nci.nih.gov/.
TITLE National Institutes of Health, Mammalian Gene Collection (MGC)
JOURNAL Unpublished
COMMENT Other ESTs: 2821601.5prime
Contact: Robert Strausberg, Ph.D.
Email: cgabbs@mail.nih.gov
Tissue Procurement: DCTD/DTP cDNA Library Preparation: Ling Hong/Rubin Laboratory cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing project
Clone distribution: MGC clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: www.bio.llnl.gov/bbrp/image/image.html
Base Calling / Quality Scores: PHRED from University of Washington Genome Center. Vector Trimming: cross match from University of Washington Genome Center PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley Drosophila Genome Project. University of Washington Genome Center: http://www.genome.washington.edu/LowQualitySequence. Very Low PHRED high quality bases following vector sequence. 9 contiguous Quality Sequence: Trace file contained 17 contiguous distinct peaks following vector sequence. Polyadenylation: Based upon the presence of a XhoI site followed by a run of 14 or more T residues at the beginning of the sequence, this cDNA insert was polyadenylated.
Plate: L1C07 row: D column: 18
High quality sequence stop: 9.
Location/Qualifiers
1. .17

FEATURES
source
Location/Qualifiers
1. .17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:2821601"

FEATURES
source
Location/Qualifiers
1. .17

FEATURES
source
Location/Qualifiers
1. .17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:2821601"

FEATURES
source
Location/Qualifiers
1. .17

FEATURES
source
Location/Qualifiers
1. .17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:2821601"

FEATURES
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FEATURES
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/organism="Homo sapiens"
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FEATURES
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FEATURES
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Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:2821601"

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/organism="Homo sapiens"
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/db_xref="taxon:9606"
/clone="IMAGE:2821601"

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/organism="Homo sapiens"
/mol_type="mRNA"
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/clone="IMAGE:2821601"

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/organism="Homo sapiens"
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/db_xref="taxon:9606"
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/mol_type="mRNA"
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/organism="Homo sapiens"
/mol_type="mRNA"
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/organism="Homo sapiens"
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/organism="Homo sapiens"
/mol_type="mRNA"
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/organism="Homo sapiens"
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/organism="Homo sapiens"
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/clone="IMAGE:2821601"

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/mol_type="mRNA"
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FEATURES
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Location/Qualifiers
1. .17

FEATURES
source
Location/Qualifiers
1. .17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606


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RESULT 38
LOCUS      AZ426151/c
DEFINITION 240086E19P Mouse 10kb plasmid UUGC1M library Mus musculus genomic
            clone UUGC2M0086E19 F, genomic survey sequence.
ACCESSION  AZ426151
VERSION     AZ426151.1
KEYWORDS    GI:12987093
SOURCE      Mus musculus (house mouse)
ORGANISM    Mus musculus
            Eukaryota; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
            1 (bases 1 to 19)
REFERENCE   1
AUTHORS    Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
            Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly
            ,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
            and Wright,D., Weiss,R.
TITLE      Mouse whole genome scaffolding with paired end reads from 10kb
            plasmid inserts
JOURNAL     Unpublished
COMMENT     Contact: Robert B. Weiss
            University of Utah Genome Center
            University of Utah
            Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
            84112, USA
            Tel: 801 585 5606
            Fax: 801 585 7177
            Email: ddunn@genetics.utah.edu
            Insert Length: 10000 Std Error: 0.00
            Plate: 0086 row: E column: 19
            Seq primer: CGTGTGAACACGCGCCAGT
            Class: plasmid ends
            High quality sequence stop: 19.
FEATURES   source
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                /organism="Mus musculus"
                /mol_type="genomic DNA"
                /strain="C57BL/6J"
                /db_xref="taxon:10090"
                /clone="UUGC2M0086E19"
                /sex="Male"
                /lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-
                /clone_lib="Mouse 10kb plasmid UUGC1M library"
                /notes="Vector: PWD42nv; Purified genomic DNA from M.
                musculus C57BL/6J (male) was obtained from the Jackson
                Laboratory Mouse DNA Resource
                (http://www.jax.org/resources/documents/dnares/). The DNA
                was hydrodynamically sheared by repeated passage through a
                0.005 inch orifice at constant velocity. The sheared DNA
                was blunt end-repaired with T4 DNA polymerase and T4
                polynucleotide kinase. Adaptor oligonucleotides were
                ligated to the blunt ends in high molar excess. The
                adapted DNA was purified and size-selected for a 9.5 to
                10.5 kb range using preparative agarose gel
                electrophoresis. Vector DNA was prepared from a derivative
                of pWD42 (GI:4732114|gb|AF129072.1), a copy-number
                inducible derivative of plasmid R1. The vector was ligated
                with adaptors complementary to the insert adaptors and
                purified. The sheared, adapted mouse DNA was annealed to
                adapted vector DNA, and transformed into
                chemically-competent E.coli XL10-Gold (Stratagene) cells
                and selected for ampicillin resistance."
            8 a      0 c      0 g      11 t
            Query Match      0.9%; Score 11.8; DB 1; Length 19;
            Best Local Similarity 86.7%; Pred. No. 37;
            Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

RESULT 39
LOCUS      AZ426151/c
DEFINITION 240086E19P Mouse 10kb plasmid UUGC1M library Mus musculus genomic
            clone UUGC1M0206L01 R, genomic survey sequence.
ACCESSION  AZ426151
VERSION     AZ426151.1
KEYWORDS    GI:10550164
SOURCE      Mus musculus (house mouse)
ORGANISM    Mus musculus
            Eukaryota; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
            1 (bases 1 to 24)
REFERENCE   1
AUTHORS    Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
            Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly
            ,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
            and Wright,D., Weiss,R.
TITLE      Mouse whole genome scaffolding with paired end reads from 10kb
            plasmid inserts
JOURNAL     Unpublished
COMMENT     Contact: Robert B. Weiss
            University of Utah Genome Center
            University of Utah
            Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
            84112, USA
            Tel: 801 585 5606
            Fax: 801 585 7177
            Email: ddunn@genetics.utah.edu
            Insert Length: 10000 Std Error: 0.00
            Plate: 0206 row: L column: 01
            Seq primer: CACACAGGAACAGCATGACC
            Class: plasmid ends
            High quality sequence stop: 24.
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                /mol_type="genomic DNA"
                /strain="C57BL/6J"
                /db_xref="taxon:10090"
                /clone="UUGC1M0206L01"
                /sex="Male"
                /lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-
                /clone_lib="Mouse 10kb plasmid UUGC1M library"
                /notes="Vector: PWD42nv; Purified genomic DNA from M.
                musculus C57BL/6J (male) was obtained from the Jackson
                Laboratory Mouse DNA Resource
                (http://www.jax.org/resources/documents/dnares/). The DNA
                was hydrodynamically sheared by repeated passage through a
                0.005 inch orifice at constant velocity. The sheared DNA
                was blunt end-repaired with T4 DNA polymerase and T4
                polynucleotide kinase. Adaptor oligonucleotides were
                ligated to the blunt ends in high molar excess. The
                adapted DNA was purified and size-selected for a 9.5 to
                10.5 kb range using preparative agarose gel
                electrophoresis. Vector DNA was prepared from a derivative
                of pWD42 (GI:4732114|gb|AF129072.1), a copy-number
                inducible derivative of plasmid R1. The vector was ligated
                with adaptors complementary to the insert adaptors and
                purified. The sheared, adapted mouse DNA was annealed to
                adapted vector DNA, and transformed into
                chemically-competent E.coli XL10-Gold (Stratagene) cells
                and selected for ampicillin resistance."
            11 a      0 c      2 g      11 t
            Query Match      0.9%; Score 11.8; DB 1; Length 24;
            Best Local Similarity 86.7%; Pred. No. 57;
            Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

BASE COUNT      11 a      0 c      2 g      11 t
Query Match      0.9%; Score 11.8; DB 1; Length 24;
Best Local Similarity 86.7%; Pred. No. 57;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY      1257 ACAATAAATTTTATTA 1271
      |||||
DB      23 ATAATAAATATTTTATTA 9

```


Contact: Robert Strausberg, Ph.D.
 Email: cspbs-remail.nih.gov
 Tissue Procurement: DCTD/FTP CDNA Library Preparation: Ling
 Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.
 Consortium (ILMI) DNA Sequencing by: Berkeley MGC sequencing
 project Clone distribution: MGC clone distribution information can
 be found through the I.M.A.G.E. Consortium/ILMI at:
 www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
 Scores: PHRED from University of Washington Genome Center. Vector
 Trimming: cross match from University of Washington Genome Center
 PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley
 Drosophila Genome Project. University of Washington Genome Center:
 http://www.genome.washington.edu Low Quality Sequence: 9 contiguous
 PHRED high quality bases following vector sequence. Very low
 Quality Sequence: Trace file contained 16 contiguous distinct peaks
 following vector sequence. Polyadenylation: Based upon the presence
 of a XhoI site followed by a run of 14 or more T residues at the
 beginning of the sequence, this cDNA insert was polyadenylated.
 Plate: L1C88 row: P column: 12
 High quality sequence stop: 9.
 Location/Qualifiers
 1..16
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="taxon:9606"
 /clone="IMAGE:2822267"
 /tissue_type="small cell carcinoma"
 /cell_line="MGC3"
 /lab_host="DH10B (phage-resistant)"
 /clone_lib="NIH_MGC_7"
 /notes="Organ: lung; Vector: pOTB7; Site 1: XhoI; Site 2:
 EcoRI; cDNA made by oligo-dT priming. Directionally
 cloned into EcoRI/XhoI sites using the following 5'
 adaptor: GGACACGAG(G). Size-selected >500bp for average
 insert size 1.8kb. Library constructed by Ling Hong in
 the laboratory of Gerald M. Rubin (University of
 California, Berkeley) using ZAP-cDNA synthesis kit
 (Stratagene) and Superscript II RT (Life Technologies)."
 0 a 3 c 1 g 12 t

Query Match 0.9%; Score 11.4; DB 1; Length 16;
 Best Local Similarity 92.3%; Pred. No. 23;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1563 TTTTCTTCTGTTCTGT 1575
 |||||
 b 3 TTTTCTTCTGTTCTGT 15

RESULT 43
 AL30G02P/c
 LOCUS
 DEFINITION T. brucei sheared genomic DNA clone 130G02, forward sequence,
 Genomic survey sequence.
 CESSION AL464119
 ESION AL464119.1 GI:11834382
 EWORDS GSS.
 URCE Trypanosoma brucei
 ORGANISM Trypanosoma brucei
 Eukaryota; Euklenozoa; Kinetoplastida; Trypanosomatidae;
 Trypanosoma.
 1 (bases 1 to 22)
 Hall,N., Bowman,S., Lennard,N.J., Doggett,J., Atkin,R.,
 Chillingworth,C., Ormond,D., Harris,B., El-Sayed,N., Hou,L.,
 Melville,S.E., Rajandream,M.A. and Barrell,B.G.
 Direct Submission
 Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing
 project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton,
 Cambridge CB10 1SA, E-mail: barrell@sanger.ac.uk and
 nh@sanger.ac.uk
 Constructed at the Institute for Genomic Research (TIGR),
 Rockville, MD. Genomic DNA isolated from a cloned population of
 Trypanosoma brucei (TREU927/4 GUTat 10.1) was mechanically sheared

to give a tight size distribution (4 kb). The v + i method used for the library construction is described in detail in Smith, H. and Venter, J.C. (Making small insert libraries for whole genome shotgun sequencing projects. In Genome Sequencing: A Practical Approach, eds. M. Vaudin and B. Barrell, Oxford University Press, 1999).
 Email: nh@sanger.ac.uk
 Details of T. brucei sequencing at the Sanger Centre are available at http://www.sanger.ac.uk/Projects/T_brucei/
 Location/Qualifiers
 1..22
 /organism="Trypanosoma brucei"
 /mol_type="genomic DNA"
 /strain="TREU927"
 /db_xref="taxon:5691"
 /clone="130G02"
 14 a 3 c 1 g 4 t

Query Match 0.9%; Score 11.4; DB 1; Length 22;
 Best Local Similarity 71.4%; Pred. No. 58;
 Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1563 TTTTCTTCTGTTCTGATT 1583
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 Db 21 TTTTCTTCTGTTCTGATT 1

RESULT 44
 BQ588093/c
 LOCUS
 DEFINITION BQ12336-024-009-A19-SP6 MP12-ADIS-024-leaf Beta vulgaris cDNA clone
 024-009-A19 5-PRIME, mRNA sequence.
 ACCESSION BQ588093
 VERSION BQ588093.1 GI:26117675
 KEYWORDS EST.
 SOURCE Beta vulgaris
 ORGANISM Beta vulgaris
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
 Caryophyllales; Amaranthaceae; Beta.
 1 (bases 1 to 16)
 Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
 Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Iehrach,H.
 and Radelof,U.
 Construction of a 'unigene' cDNA clone set by oligonucleotide
 fingerprinting allows access to 25 000 potential sugar beet genes
 Plant J. 32 (5), 845-857 (2002)
 Contact: Weisshaar B
 ADIS DNA core facility at MP12
 Max-Planck-Institute for Plant Breeding Research
 Carl-von-Linne Weg 10, 50829 Koeln, Germany
 Fax: 00492215062851
 Email: weisshaar@mpiz-koeln.mpg.de
 Insert Length: 16 Std Error: 0.00
 Plate: 9 row: A column: 15
 Seq primer: SP6; CATACGATTAGTGACACTATAG.
 Location/Qualifiers
 1..16
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 /mol_type="mRNA"
 /cultivar="KWS2320 (double haploid, monogerm breeding line
)"
 /db_xref="GABI:184766"
 /db_xref="taxon:161934"
 /clone="024-009-A19"
 /tissue_type="leaf"
 /lab_host="EMDH10B"
 /clone_lib="MP12-ADIS-024-leaf"
 /note="Vector: PCWSP016; Site 1: SalI; Site 2: NotI;
 cDNA library from sugar beet, library provided by KWS
 Kleinwanzlebener Saatgut AG Einbeck, Germany, contact:
 b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
 orientation;


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VERSION
BQ590507.1 GI:26120090
EST.
SOURCE
ORGANISM
Beta vulgaris
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
1 (bases 1 to 16)
REFERENCE
AUTHORS
Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
Drugowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
and Radelof,U.
TITLE
Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
JOURNAL
Plant J. 32 (5), 845-857 (2002)
COMMENT
Contact: Weisshaar B
ADIS DNA core facility at MPIZ
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weissshaampiz-koeln.mpg.de
Insert Length: 16 Std Error: 0.00
Plate: 19 row: M column: 04
Seq primer: T7; GTAATACGACTCACTATAGGCG.
FEATURES
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Location/Qualifiers
1..16
/organism="Beta vulgaris"
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/db_xref="GABI:189608"
/db_xref="taxon:161934"
/clone="024-019-M04"
/tissue_type="storage root"
/lab_host="EMDH10B"
/clone_lib="MP1Z-ADIS-024-storage root"
/note="Vector: pCMVSPORT6; Site 1: Sali; Site 2: NotI;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatucht AG Binbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sali-NotI, primer sites and
orientation:
SP6-Sali-CCACGGTCGCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
BASE COUNT 1 a 0 c 0 g 15 t
Query Match 0.9%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 26;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Y 615 TACAAACACACACAAA 630
|| ||||| |||||
D 16 TAAAAAATAAAAAA 1
RESULT 48
LOCUS
BQ592600 16 bp mRNA linear EST 06-DEC-2002
DEFINITION
vulgaris cDNA clone 024-028-F08 5-PRIME, mRNA sequence.
ACCESSION
BQ592600
VERSION
BQ592600.1 GI:26122183
KEYWORDS
EST.
SOURCE
Beta vulgaris
ORGANISM
Beta vulgaris
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
1 (bases 1 to 16)
REFERENCE
AUTHORS
Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
Drugowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
and Radelof,U.
TITLE
Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
JOURNAL
Plant J. 32 (5), 845-857 (2002)
COMMENT
Contact: Weisshaar B
ADIS DNA core facility at MPIZ
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weissshaampiz-koeln.mpg.de
Insert Length: 16 Std Error: 0.00
Plate: 28 row: A column: 01

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TITLE
JOURNAL
COMMENT
Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
Plant J. 32 (5), 845-857 (2002)
Contact: Weisshaar B
ADIS DNA core facility at MPIZ
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weissshaampiz-koeln.mpg.de
Insert Length: 16 Std Error: 0.00
Plate: 28 row: F column: 08
Seq primer: SP6; ATTGAGTGCACACTATAGAAGA.
FEATURES
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Location/Qualifiers
1..16
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/mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding line)"
/db_xref="GABI:194262"
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/clone="024-028-F08"
/tissue_type="developing root"
/lab_host="EMDH10B"
/clone_lib="MP1Z-ADIS-024-developing root"
/note="Vector: pCMVSPORT6; Site 1: Sali; Site 2: NotI;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatucht AG Binbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sali-NotI, primer sites and
orientation:
SP6-Sali-CCACGGTCGCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
BASE COUNT 16 a 0 c 0 g 0 t
Query Match 0.9%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 26;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 618 AAAAAACACAAATRA 633
||||| |||||
Db 1 AAAAAAATAAAAAA 16
RESULT 49
BQ592965/c
LOCUS
BQ592965 16 bp mRNA linear EST 06-DEC-2002
DEFINITION
cDNA clone 024-028-A01-T7 MP1Z-ADIS-024-developing root Beta vulgaris
ACCESSION
BQ592965
VERSION
BQ592965.1 GI:26122548
KEYWORDS
EST.
SOURCE
Beta vulgaris
ORGANISM
Beta vulgaris
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
1 (bases 1 to 16)
REFERENCE
AUTHORS
Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
Drugowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
and Radelof,U.
TITLE
Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
JOURNAL
Plant J. 32 (5), 845-857 (2002)
COMMENT
Contact: Weisshaar B
ADIS DNA core facility at MPIZ
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weissshaampiz-koeln.mpg.de
Insert Length: 16 Std Error: 0.00
Plate: 28 row: A column: 01

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Seq primer: T7; GTAATACGACTCACTATAGGCG.

FEATURES

source

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Location/Qualifiers
1. .16
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/mol_type="rRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding line)"
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/db_xref="GABI:191489"
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/clone="024-028-A01"
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/lab_host="EMDH10B"
/clone_lib="MP1Z-ADIS-024-developing root"
/notes="Vector: pCMVSPORT6; Site 1: Sali; Site 2: NotI; cDNA library from sugar beet, library provided by KWS Kleinvanzlebener Saat-zucht AG Binbeck, Germany, contact: b.schulze@kws.de; cloning sites Sali-NotI, primer sites and orientation: SP6-Sali-CCACGGTCGCG-5prime-cDNA-polyA-CC-NotI-T7; Note: Sequencing granted in the context of the GABI-Beet project, local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"

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BASE COUNT

0 a 0 c 0 g 16 t

Query Match 0.9%; Score 11.2; DB 1; Length 16;
 Best Local Similarity 81.2%; Pred. No. 26;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 618 AAAAAACAACAATA 633

Db 16 TAAAAAAAAAAAAA 1

RESULT 50

BQ595369/c

LOCUS

DEFINITION

CDNA clone 024-022-P02-T7 MP1Z-ADIS-024-developing root Beta vulgaris

EST.

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

```

16 bp mRNA linear EST 06-DEC-2002
S013317-024-022-P02-T7 MP1Z-ADIS-024-developing root Beta vulgaris
CDNA clone 024-022-P02 3-PRIME, mRNA sequence.
BQ595369.1 GI:26124952
Beta vulgaris
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
1 (bases 1 to 16)
Hervig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
Drungowski,M., Stahl,D., Wruick,W., Menze,A., O'Brien,J., Lehrach,H.
and Radelof,U.
Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
Plant J. 32 (5), 845-857 (2002)
Contact: Weisshaar B
ADIS DNA core facility at MP1Z
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weisshaar@piz-koeln.mpg.de
Insert Length: 16 Std Error: 0.00
Plate: 22 row: P column: 02
Seq primer: T7; GTAATACGACTCACTATAGGCG.
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)
/db_xref="GABI:191489"
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/clone="024-022-P02"
/tissue_type="developing root"

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FEATURES

source

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Location/Qualifiers
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/cultivar="KWS2320 (double haploid, monogerm breeding line)"
)
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/db_xref="taxon:161934"
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/tissue_type="developing root"

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/lab_host="EMDH10B"

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/notes="Vector: pCMVSPORT6; Site 1: Sali; Site 2: NotI; cDNA library from sugar beet, library provided by KWS Kleinvanzlebener Saat-zucht AG Binbeck, Germany, contact: b.schulze@kws.de; cloning sites Sali-NotI, primer sites and orientation: SP6-Sali-CCACGGTCGCG-5prime-cDNA-polyA-CC-NotI-T7; Note: Sequencing granted in the context of the GABI-Beet project, local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"

BASE COUNT 1 a 0 c 0 g 15 t

Query Match

Best Local Similarity 81.2%; Pred. No. 26;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 615 TACAAAAAACACAAA 630

Db 16 TAAAAAAAAAAAAA 1

RESULT 51

BQ595717

LOCUS

DEFINITION

CDNA clone 024-022-H07-SP6 MP1Z-ADIS-024-developing root Beta vulgaris

EST.

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

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16 bp mRNA linear EST 06-DEC-2002
R012692-024-022-H07-SP6 MP1Z-ADIS-024-developing root Beta vulgaris
CDNA clone 024-022-H07 5-PRIME, mRNA sequence.
BQ595717 GI:26125300
Beta vulgaris
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
1 (bases 1 to 16)
Hervig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
Drungowski,M., Stahl,D., Wruick,W., Menze,A., O'Brien,J., Lehrach,H.
and Radelof,U.
Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
Plant J. 32 (5), 845-857 (2002)
Contact: Weisshaar B
ADIS DNA core facility at MP1Z
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weisshaar@piz-koeln.mpg.de
Insert Length: 16 Std Error: 0.00
Plate: 22 row: H column: 07
Seq primer: SP6; CATACGATTGAGTGACACTATAG.
Location/Qualifiers
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/clone="024-022-H07"
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/clone_lib="MP1Z-ADIS-024-developing root"
/notes="Vector: pCMVSPORT6; Site 1: Sali; Site 2: NotI; cDNA library from sugar beet, library provided by KWS Kleinvanzlebener Saat-zucht AG Binbeck, Germany, contact: b.schulze@kws.de; cloning sites Sali-NotI, primer sites and orientation: SP6-Sali-CCACGGTCGCG-5prime-cDNA-polyA-CC-NotI-T7; Note: Sequencing granted in the context of the GABI-Beet project, local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by

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FEATURES

source

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Location/Qualifiers
1. .16
/organism="Beta vulgaris"
/mol_type="rRNA"
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/db_xref="taxon:161934"
/clone="024-022-H07"
/tissue_type="developing root"
/lab_host="EMDH10B"
/clone_lib="MP1Z-ADIS-024-developing root"
/notes="Vector: pCMVSPORT6; Site 1: Sali; Site 2: NotI; cDNA library from sugar beet, library provided by KWS Kleinvanzlebener Saat-zucht AG Binbeck, Germany, contact: b.schulze@kws.de; cloning sites Sali-NotI, primer sites and orientation: SP6-Sali-CCACGGTCGCG-5prime-cDNA-polyA-CC-NotI-T7; Note: Sequencing granted in the context of the GABI-Beet project, local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by

```



```

DEFINITION      IM0319110R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
                  clone UUGC1M0319110 R, genomic survey sequence.
ACCESSION       AZ489065
VERSION         AZ489065.1  GI:10658451
KEYWORDS        GSS.
SOURCE          Mus musculus (house mouse)
ORGANISM        Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE       1 (bases 1 to 20)
AUTHORS         Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
                  Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly,
                  M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.,
                  and Wright, D., Weiss, R.
TITLE           Mouse whole genome scaffolding with paired end reads from 10kb
                  plasmid inserts
JOURNAL         Unpublished
COMMENT         Contact: Robert B. Weiss
                  University of Utah Genome Center
                  University of Utah
                  Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
                  84112, USA
                  Tel: 801 585 5606
                  Fax: 801 585 7177
                  Email: dunn@genetics.utah.edu
                  Insert Length: 10000 Std Error: 0.00
                  Plate: 0319 row: 1 column: 10
                  Seq primer: CACACAGGAACAGCTATGACC
                  Class: plasmid ends
                  High quality sequence stop: 20.
FEATURES        Location/Qualifiers
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                     /organism="Mus musculus"
                     /mol_type="genomic DNA"
                     /strain="C57BL/6J"
                     /db_xref="taxon:10090"
                     /clone="UUGC1M0319110"
                     /sex="Male"
                     /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
                     /clone_lib="Mouse 10kb plasmid UUGC1M library"
                     /note="Vector: PWD42nv; Purified genomic DNA from M.
                     musculus C57BL/6J (male) was obtained from the Jackson
                     Laboratory Mouse DNA Resource
                     (http://www.jax.org/resources/documents/dnares/). The DNA
                     was hydrodynamically sheared by repeated passage through a
                     0.005 inch orifice at constant velocity. The sheared DNA
                     was blunt end-repaired with T4 DNA polymerase and T4
                     polynucleotide kinase. Adaptor oligonucleotides were
                     ligated to the blunt ends in high molar excess. The
                     adaptor DNA was purified and size-selected for a 9.5 to
                     10.5 kb range using preparative agarose gel
                     electrophoresis. Vector DNA was prepared from a derivative
                     of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
                     inducible derivative of plasmid R1. The vector was ligated
                     with adaptors complementary to the insert adaptors and
                     purified. The sheared, adaptor mouse DNA was annealed to
                     adaptor vector DNA, and transformed into
                     chemically-competent E. coli XL10-Gold (Stratagene) cells
                     and selected for ampicillin resistance."
BASE COUNT      10 a      2 c      1 g      7 t
                  0.9%; Score 11.2; DB 1; Length 20;
                  Query Match
                  Best Local Similarity 81.2%; Pred. No. 53;
                  Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1174 TATTAGATAAATTTC A 1189
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DB       5 TATTAAATAGTTTAA 20

RESULT 55
AZ663032/c
LOCUS      AZ663032      19 bp      DNA      linear      GSS 14-DEC-2000

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DEFINITION      IM0542M22F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
                  clone UUGC1M0542M22 F, genomic survey sequence.
ACCESSION       AZ663032
VERSION         AZ663032.1  GI:11800178
KEYWORDS        GSS.
SOURCE          Mus musculus (house mouse)
ORGANISM        Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE       1 (bases 1 to 19)
AUTHORS         Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
                  Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly,
                  M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.,
                  and Wright, D., Weiss, R.
TITLE           Mouse whole genome scaffolding with paired end reads from 10kb
                  plasmid inserts
JOURNAL         Unpublished
COMMENT         Contact: Robert B. Weiss
                  University of Utah Genome Center
                  University of Utah
                  Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
                  84112, USA
                  Tel: 801 585 5606
                  Fax: 801 585 7177
                  Email: dunn@genetics.utah.edu
                  Insert Length: 10000 Std Error: 0.00
                  Plate: 0542 row: M column: 22
                  Seq primer: CGTTGTAACGACGCCAGT
                  Class: plasmid ends
                  High quality sequence stop: 19.
FEATURES        Location/Qualifiers
                  1..19
                     /organism="Mus musculus"
                     /mol_type="genomic DNA"
                     /strain="C57BL/6J"
                     /db_xref="taxon:10090"
                     /clone="UUGC1M0542M22"
                     /sex="Male"
                     /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
                     /clone_lib="Mouse 10kb plasmid UUGC1M library"
                     /note="Vector: PWD42nv; Purified genomic DNA from M.
                     musculus C57BL/6J (male) was obtained from the Jackson
                     Laboratory Mouse DNA Resource
                     (http://www.jax.org/resources/documents/dnares/). The DNA
                     was hydrodynamically sheared by repeated passage through a
                     0.005 inch orifice at constant velocity. The sheared DNA
                     was blunt end-repaired with T4 DNA polymerase and T4
                     polynucleotide kinase. Adaptor oligonucleotides were
                     ligated to the blunt ends in high molar excess. The
                     adaptor DNA was purified and size-selected for a 9.5 to
                     10.5 kb range using preparative agarose gel
                     electrophoresis. Vector DNA was prepared from a derivative
                     of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
                     inducible derivative of plasmid R1. The vector was ligated
                     with adaptors complementary to the insert adaptors and
                     purified. The sheared, adaptor mouse DNA was annealed to
                     adaptor vector DNA, and transformed into
                     chemically-competent E. coli XL10-Gold (Stratagene) cells
                     and selected for ampicillin resistance."
BASE COUNT      5 a      3 c      1 g      10 t
                  0.9%; Score 11; DB 1; Length 19;
                  Query Match
                  Best Local Similarity 73.7%; Pred. No. 51;
                  Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      1100 AGATGAATCATTGATTGAA 1118
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DB       19 ACATGATAATAGATAGTA 1

RESULT 56
AW250976
LOCUS      AW250976      15 bp      mRNA      linear      EST 07-JAN-2000

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EFINITION      2822229.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2822229 3',
mRNA sequence.
CESSION        AW250976
ESSION         AW250976.1 GI:6594065
ETWORDS        EST.
SOURCE         Homo sapiens (human)
ORGANISM       Homo sapiens
               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
               Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE      1 (bases 1 to 15)
AUTHORS        NIH-MGC http://mgc.nci.nih.gov/
TITLE          National Institutes of Health, Mammalian Gene Collection (MGC)
JOURNAL        Unpublished
COMMENT        Other_ESTs: 2822229.5prime
               Contact: Robert Strausberg, Ph.D.
               Email: cgapbs-remail.nih.gov
               Tissue Procurement: DCTD/DTP cDNA Library Preparation: Ling
               Hong/Rubin Laboratory cDNA Library Arrayed by: The I.M.A.G.E.
               Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing
               project Clone distribution: MGC clone distribution information can
               be found through the I.M.A.G.E. Consortium/LLNL at:
               www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
               Scores: PHRED from University of Washington Genome Center. Vector
               Trimming: cross match from University of Washington Genome Center
               PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley
               Drosophila Genome Project. University of Washington Genome Center:
               http://www.genome.washington.edu/low Quality Sequence: 11
               contiguous PHRED high quality bases following vector sequence. Very
               Low Quality Sequence: trace file contained 15 contiguous distinct
               peaks following vector sequence. Polyadenylation: Based upon the
               presence of a XhoI site followed by a run of 14 or more T residues
               at the beginning of the sequence, this cDNA insert was
               polyadenylated.
               Plate: LHCMS row: N column: 22
               High quality sequence stop: 11.
FEATURES
source
1..15
   Location/Qualifiers
     /organism="Homo sapiens"
     /mol_type="mRNA"
     /db_xref="taxon:9606"
     /clone="IMAGE:2822229"
     /tissue_type="small cell carcinoma"
     /cell_line="MGC3"
     /lab_host="DH10B (phage-resistant)"
     /clone_lib="NIH MGC 7"
     /note="Organ: lung; Vector: pOT87; Site 1: XhoI; Site 2:
     EcoRI; cDNA made by oligo-dT priming. Directionally
     cloned into EcoRI/XhoI sites using the following 5'
     adaptor: GGACGAG(G). Size-selected >500bp for average
     insert size 1.8kb. Library constructed by Ling Hong in
     the laboratory of Gerald M. Rubin (University of
     California, Berkeley) using ZAP-cDNA synthesis kit
     (Stratagene) and Superscript II RT (Life Technologies)."
```

```

USE COUNT      2 a 1 c 1 g 1 l t
Query Match    0.9%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 25;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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' 1238 TTTTCATTTCAGAT 1251
  |||||
  2 TTTTTCATTTCAGAT 15
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arch completed: December 18, 2003, 07:29:09
>b time : 1 secs
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